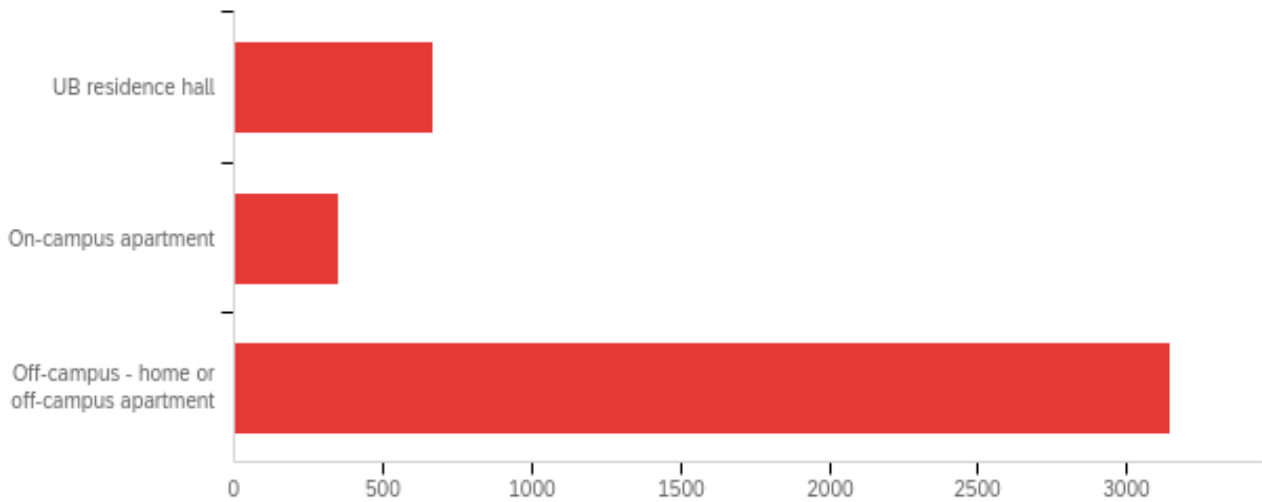


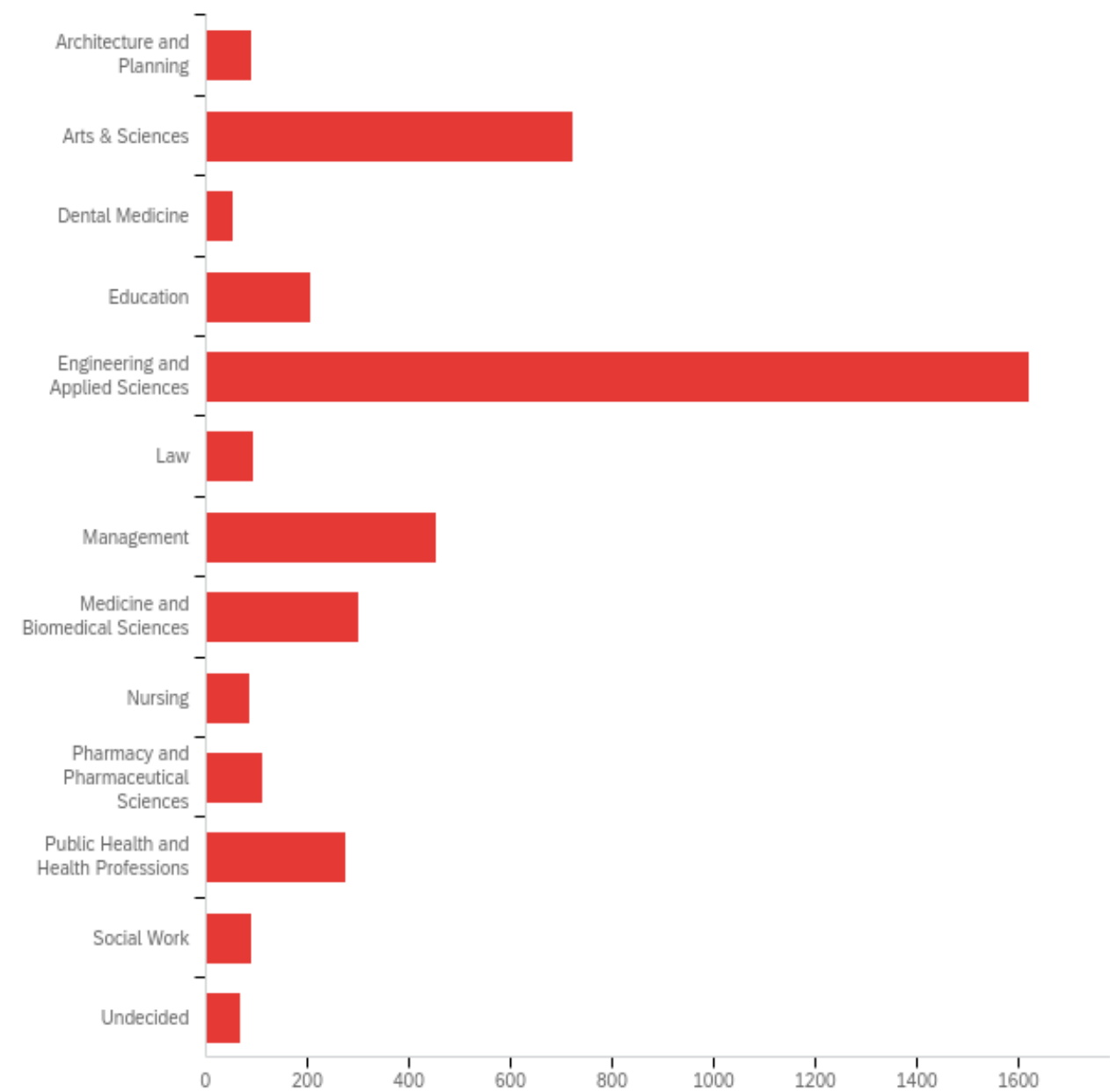
Q2 - Where do you live?



#	Field	Minimum	Maximum	Mean	Std Deviation	Variance	Count
1	Where do you live?	1.00	3.00	2.60	0.75	0.56	4159

#	Answer	%	Count
1	UB residence hall	15.99%	665
2	On-campus apartment	8.37%	348
3	Off-campus - home or off-campus apartment	75.64%	3146
	Total	100%	4159

Q3 - In which UB College or School are you enrolled?



#	Field	Minimum	Maximum	Mean	Std Deviation	Variance	Count
1	In which UB College or School are you enrolled?	1.00	13.00	5.66	2.85	8.10	4168

#	Answer	%	Count
1	Architecture and Planning	2.11%	88
2	Arts & Sciences	17.35%	723
3	Dental Medicine	1.30%	54
4	Education	4.94%	206
5	Engineering and Applied Sciences	38.92%	1622
6	Law	2.23%	93
7	Management	10.87%	453
8	Medicine and Biomedical Sciences	7.25%	302
9	Nursing	2.09%	87
10	Pharmacy and Pharmaceutical Sciences	2.64%	110
11	Public Health and Health Professions	6.60%	275
12	Social Work	2.11%	88
13	Undecided	1.61%	67
	Total	100%	4168

#### Q4 - In which department/major are you enrolled?

#	Field	Minimum	Maximum	Mean	Std Deviation	Variance	Count
1	In which department/major are you enrolled?	1.00	89.00	33.87	21.62	467.39	3894

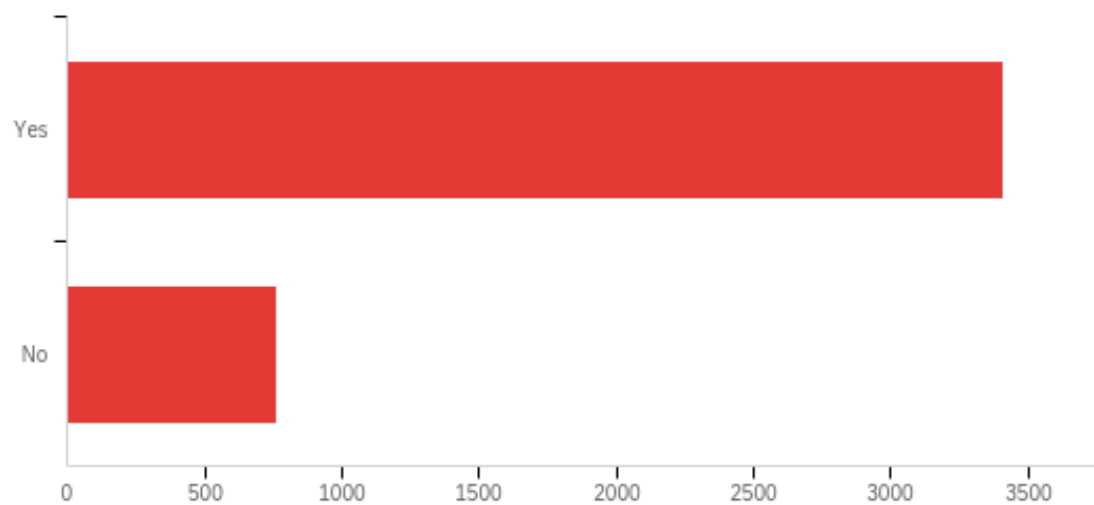
#	Answer	%	Count
1	Accounting and Law	2.75%	107
2	Africana and American Studies	0.10%	4
3	Anesthesiology	0.31%	12
4	Anthropology	0.31%	12
5	Architecture	1.54%	60
6	Art	0.74%	29
7	Biochemistry	0.54%	21
8	Biological Sciences	4.52%	176
9	Biomedical Engineering	2.16%	84
10	Biomedical Informatics	0.39%	15
11	Biostatistics	0.74%	29
12	Biotechnical and Clinical Laboratory	0.26%	10
13	Chemical and Biological Engineering	1.36%	53
14	Chemistry	0.85%	33
15	Civil, Structural & Environmental Engineering	2.95%	115
16	Classics	0.05%	2
17	Communication	0.82%	32
18	Communicative Disorders and Sciences	0.62%	24
19	Community Health and Health Behavior	1.46%	57
20	Comparative Literature	0.03%	1

21	Computer Science and Engineering	20.78%	809
22	Dermatology	0.00%	0
23	Educational Leadership and Policy	0.69%	27
24	Economics	1.21%	47
25	Electrical Engineering	2.47%	96
26	Emergency Medicine	0.08%	3
27	Engineering Education	1.85%	72
28	English	0.85%	33
29	Environment and Sustainability	1.10%	43
30	Epidemiology and Environmental Health	1.16%	45
31	Exercise and Nutrition Sciences	2.05%	80
32	Family Medicine	0.05%	2
33	Finance	3.06%	119
34	Geography	0.51%	20
35	Geology	0.18%	7
36	Global Gender & Sexuality Studies	0.13%	5
37	History	1.05%	41
38	Indigenous Studies	0.00%	0
39	Industrial and Systems Engineering	2.82%	110
40	Information Science	2.95%	115
41	Jewish Thought	0.05%	2
42	Learning and Instruction	1.57%	61
43	Linguistics	0.69%	27
44	Management Science and Systems	3.65%	142
45	Marketing	1.41%	55
46	Materials Design and Innovation	0.39%	15
47	Mathematics	1.00%	39
48	Mechanical and Aerospace Engineering	6.91%	269
49	Media Study	0.72%	28
50	Medicine	3.31%	129

51	Microbiology and Immunology	0.15%	6
52	Music	0.31%	12
53	Neurology	0.49%	19
54	Neurosurgery	0.21%	8
55	Nuclear Medicine	0.18%	7
56	Obstetrics and Gynecology	0.00%	0
57	Operations Management and Strategy	0.28%	11
58	Ophthalmology	0.00%	0
59	Oral and Maxillofacial Surgery	0.00%	0
60	Oral Biology	0.10%	4
61	Oral Diagnostic Sciences	0.05%	2
62	Organization and Human Resources	0.10%	4
63	Orthodontics	0.10%	4
64	Orthopaedics	0.08%	3
65	Otolaryngology	0.00%	0
66	Pathology and Anatomical Sciences	0.08%	3
67	Pediatric and Community Dentistry	0.03%	1
68	Pediatrics	0.08%	3
69	Periodontics and Endodontics	0.03%	1
70	Pharmaceutical Sciences	1.34%	52
71	Pharmacology and Toxicology	0.54%	21
72	Pharmacy Practice	1.41%	55
73	Philosophy	0.26%	10
74	Physics	0.77%	30
75	Physiology and Biophysics	0.10%	4
76	Political Science	0.90%	35
77	Psychiatry	0.10%	4
78	Psychology	3.13%	122
79	Radiation Oncology	0.00%	0
80	Radiology	0.03%	1

81	Rehabilitation Science	1.21%	47
82	Restorative Dentistry	0.28%	11
83	Romance Languages and Literatures	0.13%	5
84	Sociology	1.26%	49
85	Structural Biology	0.10%	4
86	Surgery	0.03%	1
87	Theatre and Dance	0.33%	13
88	Urban & Regional Planning	0.62%	24
89	Urology	0.03%	1
	Total	100%	3894

Q5 - Do you own a laptop?

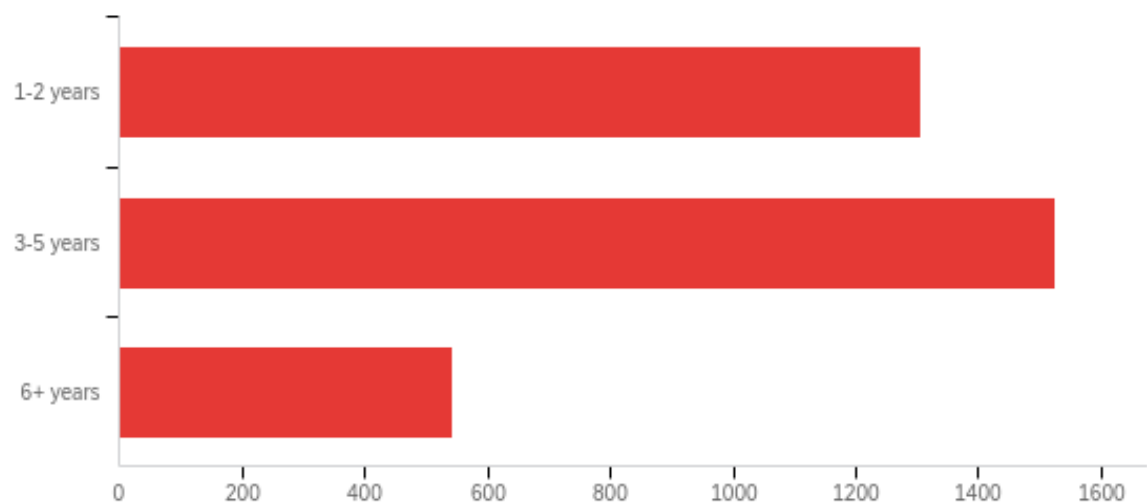


#	Field	Minimum	Maximum	Mean	Std Deviation	Variance	Count
1	Do you own a laptop?	1.00	2.00	1.18	0.39	0.15	4170

#	Answer	%	Count
1	Yes	81.77%	3410
2	No	18.23%	760
	Total	100%	4170



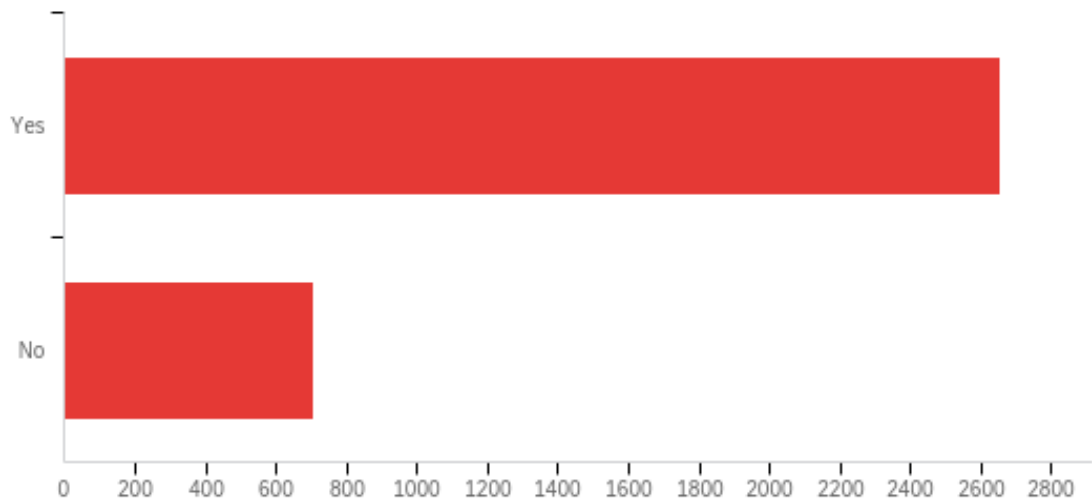
Q6 - How old is your laptop?



#	Field	Minimum	Maximum	Mean	Std Deviation	Variance	Count
1	How old is your laptop?	1.00	3.00	1.77	0.71	0.50	3376

#	Answer	%	Count
1	1-2 years	38.71%	1307
2	3-5 years	45.17%	1525
3	6+ years	16.11%	544
	Total	100%	3376

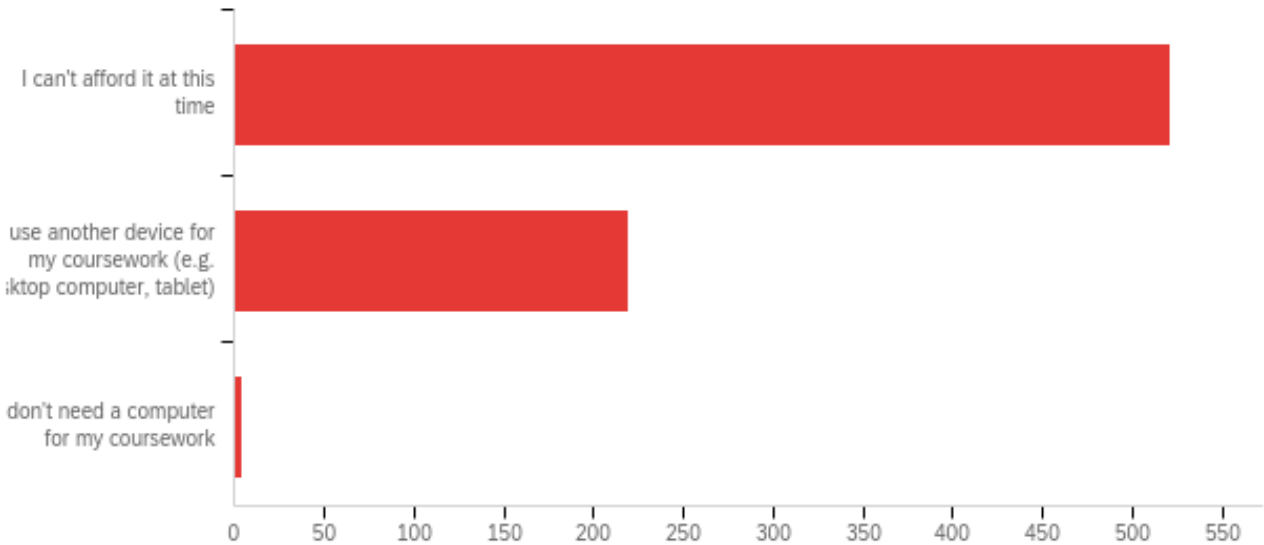
Q7 - Is your laptop working well enough to meet the needs of your coursework at UB?



#	Field	Minimum	Maximum	Mean	Std Deviation	Variance	Count
1	Is your laptop working well enough to meet the needs of your coursework at UB?	1.00	2.00	1.21	0.41	0.17	3360

#	Answer	%	Count
1	Yes	79.02%	2655
2	No	20.98%	705
	Total	100%	3360

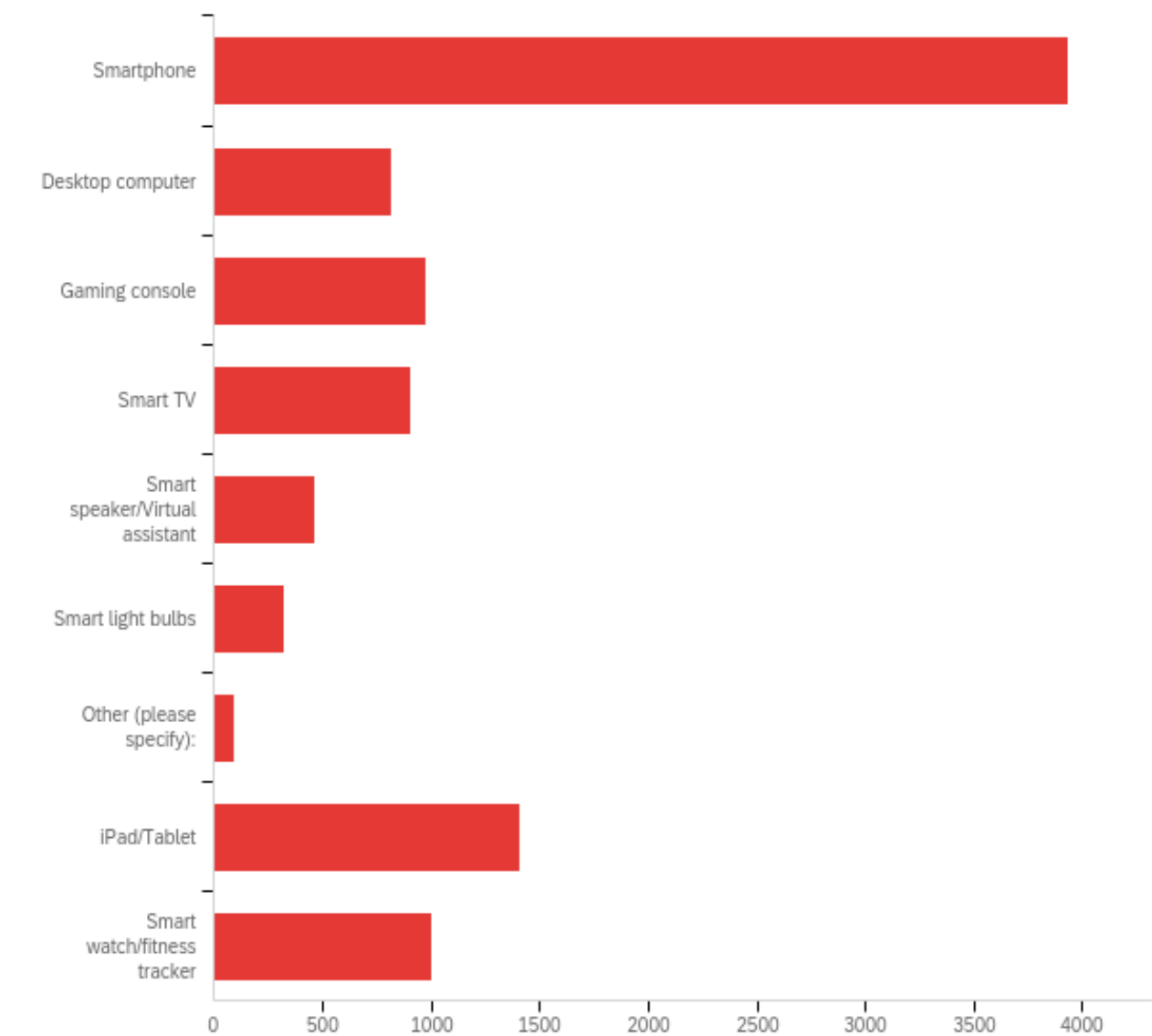
Q8 - Most UB students use a personal laptop for their coursework. What is the reason you haven't purchased one?



#	Field	Minimum	Maximum	Mean	Std Deviation	Variance	Count
1	Most UB students use a personal laptop for their coursework. What is the reason you haven't purchased one?	1.00	3.00	1.31	0.47	0.22	744

#	Answer	%	Count
1	I can't afford it at this time	70.03%	521
2	I use another device for my coursework (e.g. desktop computer, tablet)	29.44%	219
3	I don't need a computer for my coursework	0.54%	4
	Total	100%	744

Q10 - What other devices do you own? (Select all that apply.)



#	Answer	%	Count
1	Smartphone	39.68%	3934
2	Desktop computer	8.27%	820
3	Gaming console	9.82%	974
4	Smart TV	9.11%	903
5	Smart speaker/Virtual assistant	4.69%	465
6	Smart light bulbs	3.21%	318
7	Other (please specify):	0.90%	89

8	iPad/Tablet	14.18%	1406
9	Smart watch/fitness tracker	10.14%	1005
	Total	100%	9914

## Q7\_7\_TEXT - Other (please specify):

Other (please specify): - Text

gaming laptop

chromebook

Surface

A friends computer

Kindle

Quest 3

Kindle

Nest

Another Laptop

N/A

camera DSLR

Contact phone

A mechanical canine

Kindle

Borrowed a laptop from UB.

Ub laptop loan

I need a monitor because the laptop screen is broken

older laptop (6 years), not able to handle UB requirements

another newer laptop

laptop

schools computers

MacBook

Bluetooth Speaker

Second laptop

---

monitor, external data storage

---

External monitor

---

Airpods

---

Cybeernetic Implant (Whalen Corp Mk. 5)

---

Kindle

---

Laptop

---

I use library computers I don't even have a smartphone now

---

Bluetooth headphones

---

drawing tablet

---

E reader

---

Keyboard, Handheld Video Game Consoles

---

AirPods

---

work laptop

---

AirPods

---

smart garage door opener

---

Android Phone

---

14 yo laptop

---

A gaming laptop

---

None of these

---

kindle

---

Borrowed Laptop

---

I was using a MacBook but its faulty. Not functioning properly

---

kindle reader

---

Kindle

---

University Loan Laptop

---

Laptop provided by the college

---

Boundless ambition.

---

Work computer that I do not own but am permitted to do schoolwork on

---

Headphones

---

I currently have a laptop from the ub loan program!

Iphone

smart plug

I borrowed a laptop from my friend

Alexa

laptop

monitor

Monitor

airpods

Monitor

Second Laptop

University laptop

Alexa

Gaming pc

2 other laptops (much older)

Gaming Laptop

Kindle

Bluetooth Speakers/AirPods

Kindle

Earbuds

gaming laptop

none :(

Oculus Pro VR headset

TV

I have borrowed my friends old laptop for the current semester.

Monitor

I have a laptop from UB laptop loan program

gaming laptop

Roku for streaming

UB library laptop

Lending my brother's laptop

---

iPhone

---

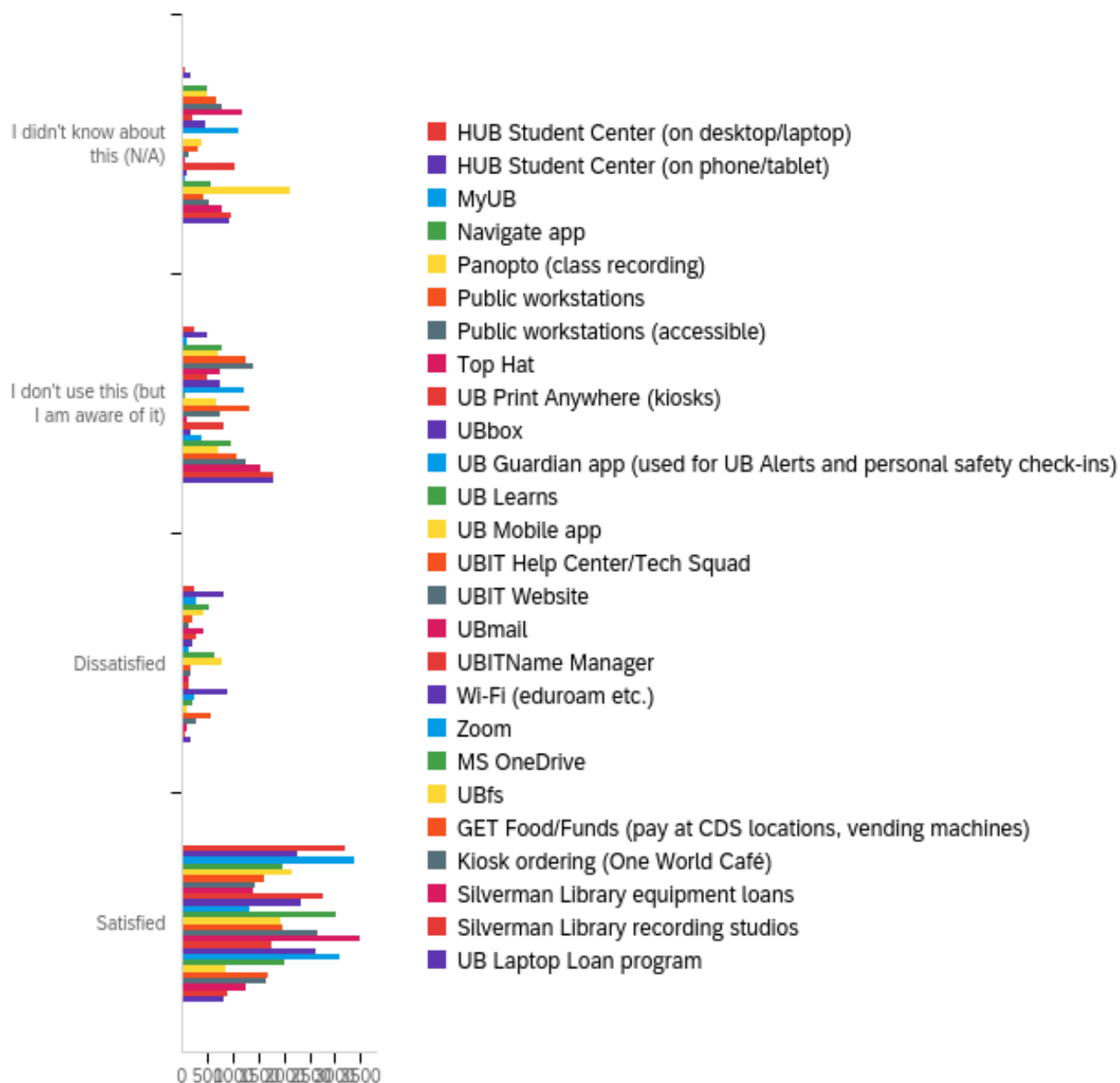
e-reader

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Computer Monitor



**Q11 - From the list of technology services below, please indicate your level of satisfaction with each:**



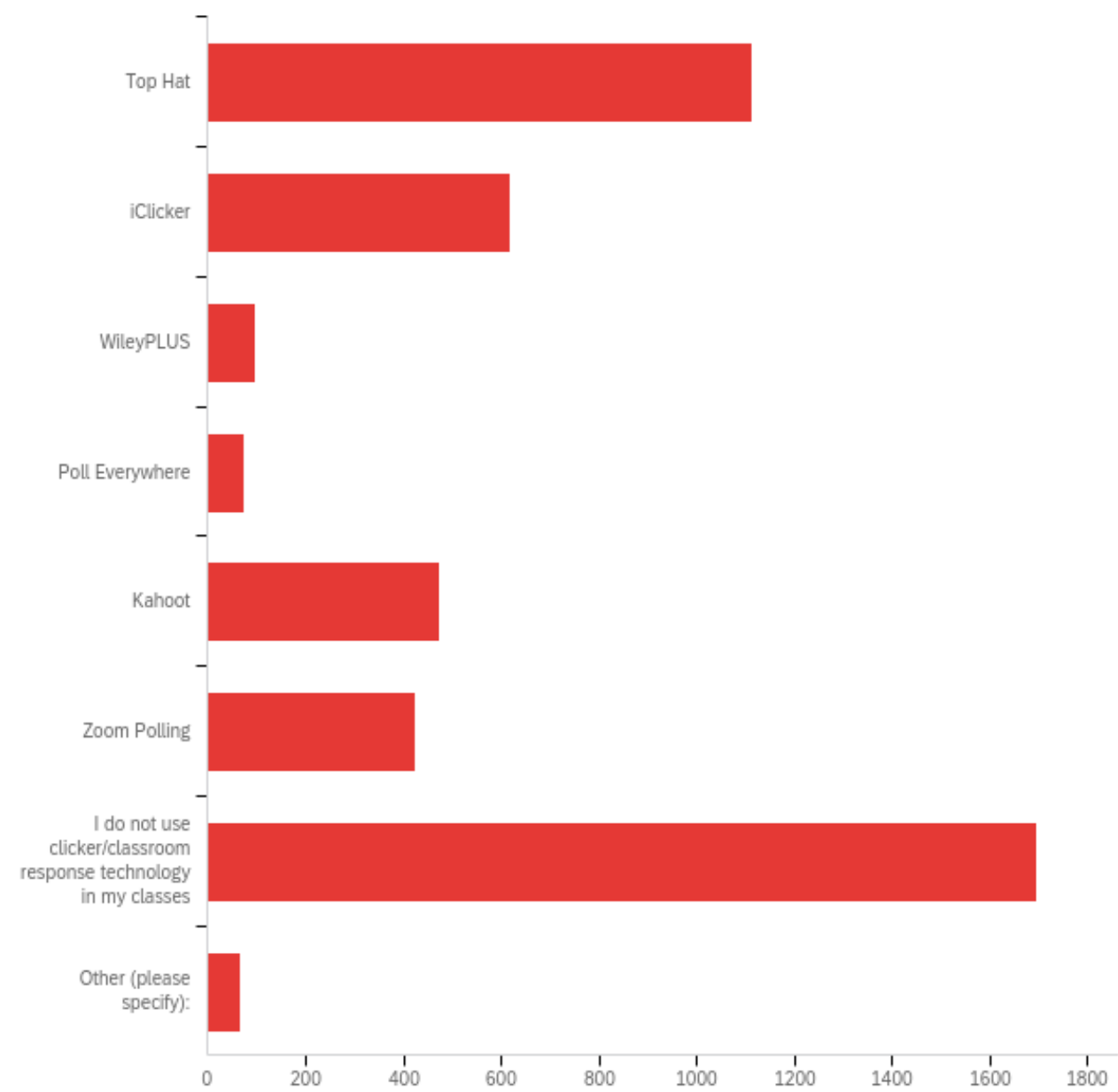
#	Field	Minimum	Maximum	Mean	Std Deviation	Variance	Count
1	HUB Student Center (on desktop/laptop)	0.00	3.00	2.76	0.65	0.42	3761
2	HUB Student Center (on phone/tablet)	0.00	3.00	2.39	0.87	0.76	3730
3	MyUB	0.00	3.00	2.87	0.44	0.20	3749
4	Navigate app	0.00	3.00	2.07	1.11	1.24	3737

5	Panopto (class recording)	0.00	3.00	2.12	1.13	1.28	3752
6	Public workstations	0.00	3.00	1.74	1.19	1.41	3739
7	Public workstations (accessible)	0.00	3.00	1.60	1.19	1.42	3743
8	Top Hat	0.00	3.00	1.56	1.27	1.62	3744
9	UB Print Anywhere (kiosks)	0.00	3.00	2.50	0.92	0.85	3747
10	UBbox	0.00	3.00	2.19	1.12	1.26	3745
11	UB Guardian app (used for UB Alerts and personal safety check-ins)	0.00	3.00	1.44	1.24	1.55	3746
12	UB Learns	0.00	3.00	2.78	0.49	0.24	3756
13	UB Mobile app	0.00	3.00	2.14	1.04	1.09	3752
14	UBIT Help Center/Tech Squad	0.00	3.00	2.02	1.09	1.19	3744
15	UBIT Website	0.00	3.00	2.44	0.93	0.87	3743
16	UBmail	0.00	3.00	2.89	0.45	0.20	3745
17	UBITName Manager	0.00	3.00	1.70	1.31	1.71	3727
18	Wi-Fi (eduroam etc.)	0.00	3.00	2.61	0.69	0.47	3736
19	Zoom	0.00	3.00	2.69	0.71	0.50	3745
20	MS OneDrive	0.00	3.00	1.97	1.19	1.41	3735
21	UBfs	0.00	3.00	0.92	1.22	1.50	3731
22	GET Food/Funds (pay at CDS locations, vending machines)	0.00	3.00	1.93	1.09	1.19	3702
23	Kiosk ordering (One World Café)	0.00	3.00	1.82	1.15	1.31	3699
24	Silverman Library equipment loans	0.00	3.00	1.49	1.16	1.35	3694
25	Silverman Library recording studios	0.00	3.00	1.23	1.08	1.18	3689
26	UB Laptop Loan program	0.00	3.00	1.24	1.06	1.12	3689

#	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)	1.68%	63	6.59%	248	6.22%	234	85.51%	3216	3761
2	HUB Student Center (on phone/tablet)	4.32%	161	12.87%	480	21.90%	817	60.91%	2272	3730

3	MyUB	0.59%	22	2.21%	83	7.26%	272	89.94%	3372	3749
4	Navigate app	12.63%	472	20.55%	768	13.67%	511	53.14%	1986	3737
5	Panopto (class recording)	13.38%	502	18.44%	692	11.09%	416	57.09%	2142	3752
6	Public workstations	17.63%	659	33.75%	1262	5.30%	198	43.33%	1620	3739
7	Public workstations (accessible)	20.46%	766	37.22%	1393	3.74%	140	38.58%	1444	3743
8	Top Hat	30.93%	1158	20.17%	755	11.27%	422	37.63%	1409	3744
9	UB Print Anywhere (kiosks)	5.50%	206	13.42%	503	6.83%	256	74.25%	2782	3747
10	UBbox	11.91%	446	19.60%	734	5.77%	216	62.72%	2349	3745
11	UB Guardian app (used for UB Alerts and personal safety check-ins)	29.68%	1112	31.87%	1194	3.10%	116	35.34%	1324	3746
12	UB Learns	0.59%	22	1.46%	55	17.31%	650	80.64%	3029	3756
13	UB Mobile app	10.37%	389	17.38%	652	20.28%	761	51.97%	1950	3752
14	UBIT Help Center/Tech Squad	7.83%	293	35.20%	1318	4.46%	167	52.51%	1966	3744
15	UBIT Website	3.58%	134	20.25%	758	4.73%	177	71.44%	2674	3743
16	UBmail	0.99%	37	2.16%	81	3.74%	140	93.11%	3487	3745
17	UBITName Manager	27.82%	1037	21.68%	808	3.14%	117	47.36%	1765	3727
18	Wi-Fi (eduroam etc.)	2.62%	98	3.88%	145	23.63%	883	69.86%	2610	3736
19	Zoom	1.34%	50	10.25%	384	6.25%	234	82.16%	3077	3745
20	MS OneDrive	15.37%	574	25.94%	969	5.41%	202	53.28%	1990	3735
21	UBfs	56.39%	2104	18.57%	693	2.04%	76	23.00%	858	3731
22	GET Food/Funds (pay at CDS locations, vending machines)	11.53%	427	28.47%	1054	15.05%	557	44.95%	1664	3702
23	Kiosk ordering (One World Café)	14.06%	520	33.87%	1253	7.76%	287	44.31%	1639	3699
24	Silverman Library equipment loans	21.41%	791	42.01%	1552	2.79%	103	33.78%	1248	3694
25	Silverman Library recording studios	26.19%	966	48.41%	1786	1.65%	61	23.75%	876	3689
26	UB Laptop Loan program	24.78%	914	48.82%	1801	4.20%	155	22.20%	819	3689

Q12 - If you use clicker response technology in your classes, which tool(s) are you currently using? (Select all that apply.)



#	Answer	%	Count
1	Top Hat	24.36%	1112
2	iClicker	13.56%	619
3	WileyPLUS	2.13%	97
4	Poll Everywhere	1.67%	76
5	Kahoot	10.36%	473

6	Zoom Polling	9.27%	423
7	I do not use clicker/classroom response technology in my classes	37.16%	1696
8	Other (please specify):	1.49%	68
	Total	100%	4564

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

Other (please specify): - Text

We did use TopHat in D3, It was ok

Slido

Online system that uses smartphones

Slido

google sruvey forms

Norton Inquizitive

I don't know yet

Did not start classes yet

Mentimeter

Slido

UBLearns

Mentimeter

Cengage

ELI Review

google Docs, discord

pearson

Discord

cengage

Inquizitive

Used Tophat in the past. It sucked because it charged when free alternatives exist.

Webassign

Webassign (cenage)

Raised appendage or pseudopod

mentimeter

Class Question

Codio

SOCRATIVE

I have not taken my visa yet. Which I can tell you.

socrative

I'm not sure.

Piazza

My Math Lab

pearson

Elireview

Pearson

What is "clicker response technology", exactly?

Menti

draw.io

Piazza

Autolab

AutoLab

Slido

Respondus Lockdown Browser & Exemplify/ExamSoft

inquizitive

none this semester, tophat, iclicker, wileyPlus in prior semesters

panopto

I'm not taking/teaching classes

MentiMeter

I am no longer taking classes and I am no longer a TA.

inquizitive

Menti.com

Examsoft

Codio

---

Socrative

---

AutoLab

---

kritik

---

Microsoft Fourms

---

Tunrpoint

---

Miro

---

Socrative

---

Kritik, Piazza

---

Not sure

---

Menti

---

McGraw Hill Connect for \$100+

---

menti

---

None

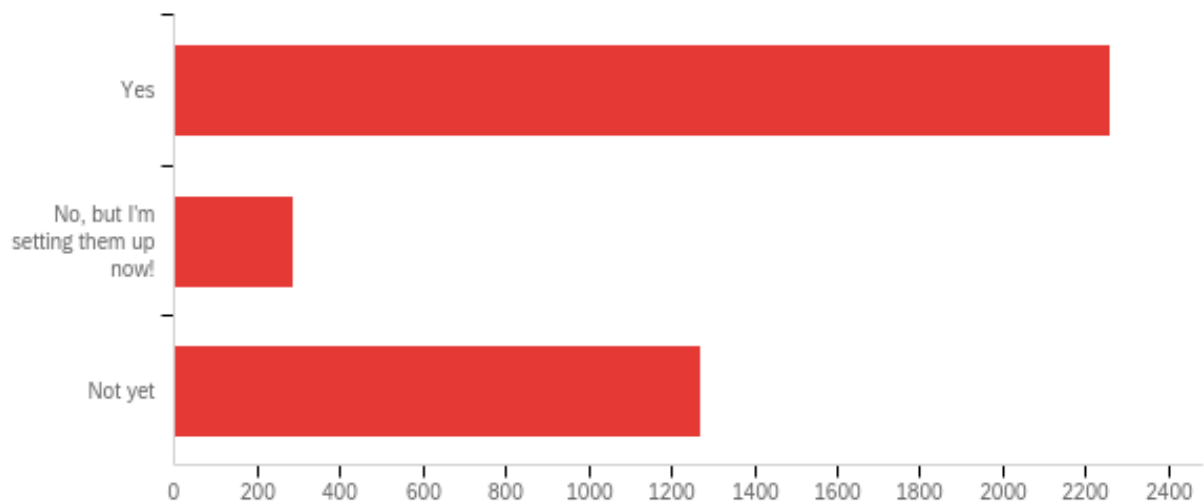
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AutoLab

---

QR Code

Q13 - Have you set your security questions and registered your cell or non-UB email to reset your UBITName password 24/7 using the UBITName Manager?

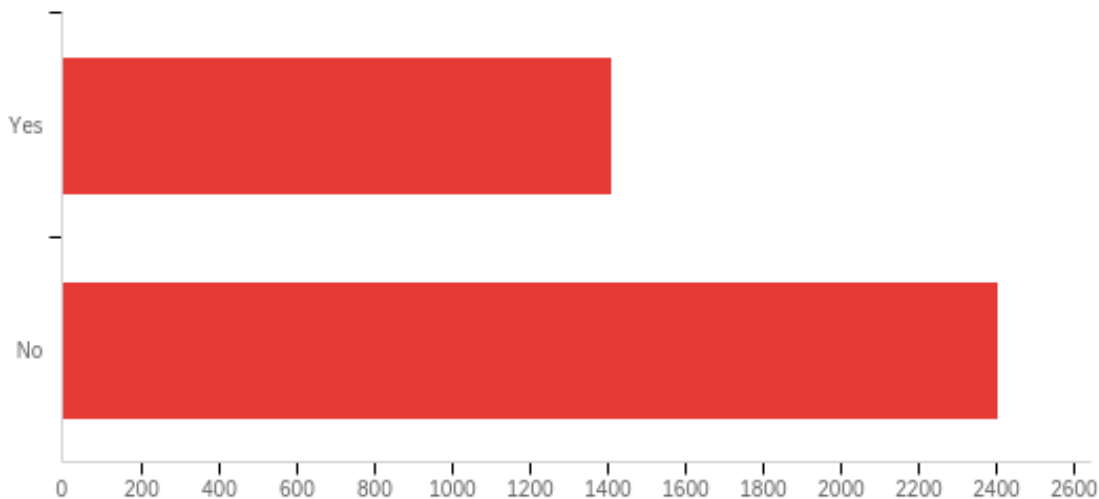


#	Field	Minimum	Maximum	Mean	Std Deviation	Variance	Count
1	Have you set your security questions and registered your cell or non-UB email to reset your UBITName password 24/7 using the UBITName Manager?	1.00	3.00	1.74	0.93	0.86	3818

#	Answer	%	Count
1	Yes	59.17%	2259
2	No, but I'm setting them up now!	7.57%	289
3	Not yet	33.26%	1270
	Total	100%	3818



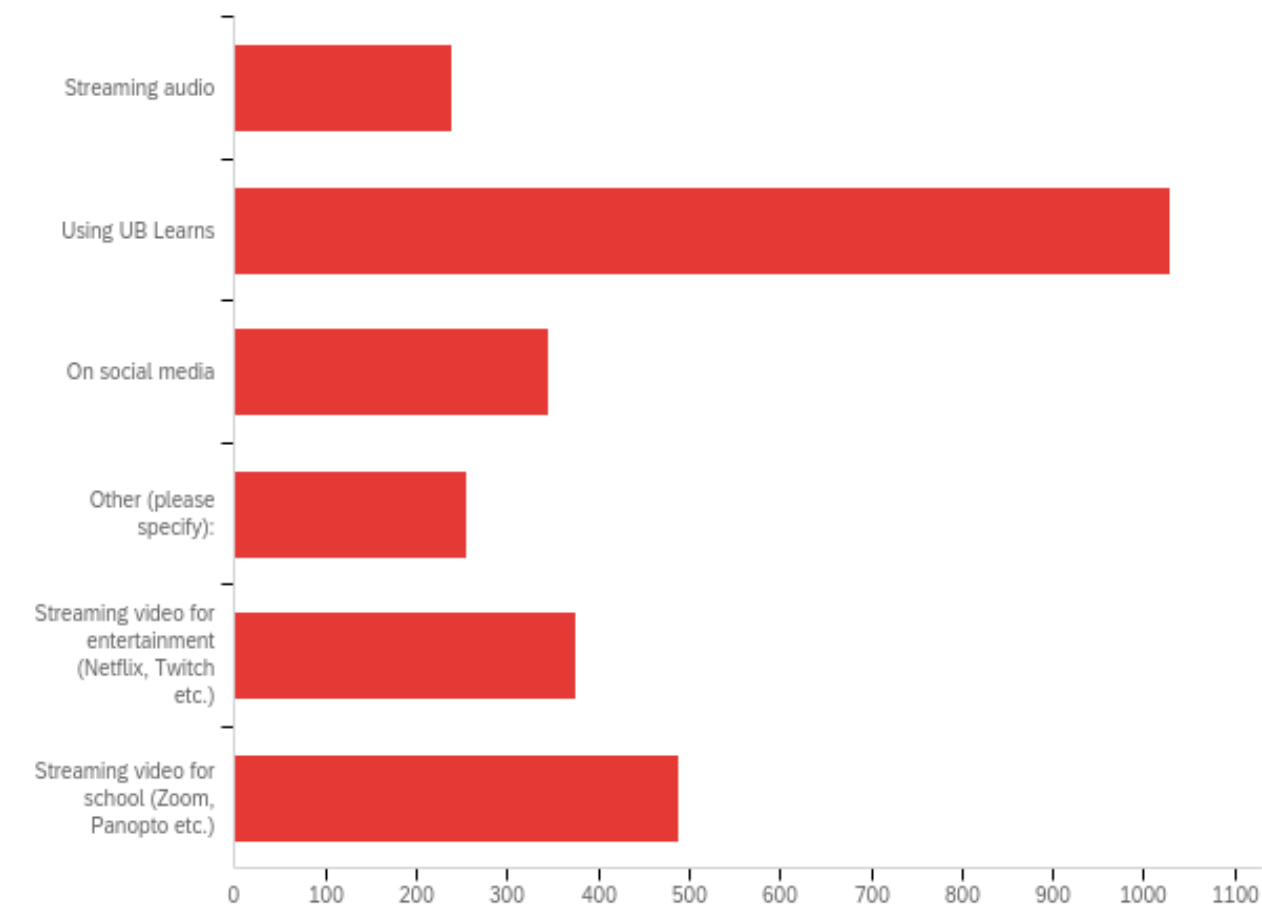
Q14 - Have you had any significant problems with the Wi-Fi (eduroam) this semester?



#	Field	Minimum	Maximum	Mean	Std Deviation	Variance	Count
1	Have you had any significant problems with the Wi-Fi (eduroam) this semester?	1.00	2.00	1.63	0.48	0.23	3819

#	Answer	%	Count
1	Yes	37.03%	1414
2	No	62.97%	2405
	Total	100%	3819

Q15 - What were you doing when you experienced Wi-Fi problems? (Select all that apply.)



#	Answer	%	Count
1	Streaming audio	8.78%	240
2	Using UB Learns	37.64%	1029
3	On social media	12.62%	345
4	Other (please specify):	9.33%	255
5	Streaming video for entertainment (Netflix, Twitch etc.)	13.75%	376
6	Streaming video for school (Zoom, Panopto etc.)	17.89%	489
	Total	100%	2734

Q12\_4\_TEXT - Other (please specify):

Other (please specify): - Text

Logging in

In class

wi-fi was down campus wide

Can't login in first place

I have a hard time simply connecting to the wifi. When I do I find it rarely works.

Opening (or failing to open) class lectures on UB box.

MAC IP ban

Connecting smart-devices like Cameras and bulbs

In lecture attempting iclicker

using UBMail, Teams

Working on campus

I don't remember

only have experienced issues in large classrooms (100+ students) but usually they are severe enough to halt the class

Google Scholar Searches

I was trying to work on my research

working

can't use at all on mylaptop

Using TopHat

Event check in and sign up on UBLinked

Just using google

nothing specific

just getting connected

downloading mods on nexusmods with vortex mod manager

On face time

slow

Bad wi-fi signal at Furnas Hall 4th floor inside the office/lab

face time calls

just normal use of internet to study/look up info

All of the above at some point

trying to use TopHat while in class

---

in some rooms i don't have internet during class so i have use my limited hotspot from data

---

Top hat does not load fast enough in time for me to answer questions from my professor in class. I often miss the questions and lose points for it.

---

Just trying to access the internet in general on my cellphone; for whatever reason, Eduroam works on my laptop but not on my smartphone

---

accessing MyUB

---

video games

---

Connecting to wifi

---

using Kronos

---

I didn't work for hours

---

It keeps disconnecting often

---

Gaming

---

I have been unable to submit answers to iClicker in class and in return risked losing credit

---

Couldn't go on any websites

---

exam

---

in class trying to do tophat

---

Doing research on the internet

---

some times wifi doesn't connected

---

in a virtual meeting, and gaming

---

Class

---

During calls

---

Construction caused a fiber optic cable to be cut which left us without wifi for a while.

---

Reading academic articles online

---

during career fair, to register the evet

---

Other websites

---

Internet in general has been slow

---

connecting to clicker websites/apps

---

The only time I experienced significant wifi problems was when the WiFi was down a couple weeks ago.

---

The network is slower than UB Secure

---

Browsing websites

---

Whenever there is a required session when the whole class is using the wifi, I'm unable to access any websites, the webpage for pathology lab will never load and I'm unable to follow along during class. I have to go home and

use my wifi to reteach myself what was said in class because I can't follow along if the required webpage won't load. During this time it's not just the required website for class, it's my email, ublearns, any website I try to reach. The WiFi is just overwhelmed.

home

Got a new laptop, so unable to set it up again really

It had problems during the day, not with a specific activity.

Connection issues

WiFi does not reach my studio space

Research

Opening a search engine

General web browsing (email, news, research)

Loading websites e.g. pubmed

General connection issues, as well as stuttering/weak connection

Trying to Download Class Files and Upload them to my Ipad

Taking exam using Exemplify

Checking email

Overall internet connection

Browsing internet

Trying to connect

Iclicker

Complete loss of wifi (schools probable, it was fixed the next day)

In a discord call

Accessing TopHat and just using the internet in general in larger lecture halls. Lots of students had issues.

Using TopHat

Trying to print documents (especially in NSC)

in lecture

There were a few days towards the beginning of the semester when the Wi-Fi croaked and didn't work at all.

gaming

Taking notes during class

It seem that if you have a android you can't have wi-fi at UB

wiley plus, achieve, and labflow

factime and video call in general

---

The whole power was gone and wifi was not working for a while

---

Doing research for a paper

---

I think twice this semester the wifi has gone down and reports became inaccessible

---

Just in class

---

Wifi texting/calling

---

sometimes when opening computer, the computer would disconnect from the wifi and i would have to reconnect it manually

---

just getting online

---

doing practice questions

---

WI-FI refusing to connect

---

Setting up eduroam

---

Basically it just cuts out randomly, including in the middle of exams, when the professor is trying to show videos, etc. (I assume the professors are connected via ETHERNET! Wtf?)

---

working at steam job fair/ frequently while working at Career Design Center

---

Not able to use at all

---

All internet access

---

Classwork at classes

---

About to take an exam

---

General everyday use (searching publications, checking e-mail, etc.); WiFi randomly drops out multiple times throughout day and disrupts connection momentarily

---

accessing the internet/web browsing

---

Research

---

using a search engine

---

Online games

---

Hard time connecting to it via laptop

---

Gaming and browsing the web in general, the connection will stop midway so I'm guessing it dropping packets

---

Have to log in again for setup every couple of weeks

---

Using Examplify/Examsoft and being unable to upload exam due to no internet connectivity in Deifendorf and Farber Hall

---

It would just kick off my device

---

Used to have to restart my laptop every other day to get wifi to work

---

Just like, using the internet and doing homework

gaming console

---

That time that wifi and the signal went down for almost a whole day and no one could use the internet

---

Sometimes refuses to work via smart phone

---

Working on assignments

---

Top hat and browsing

---

Leading Lab Exam for CSE 220

---

I cannot access the internet when I am in the parking lots of slightly away from the buildings, and it is very frustrating. My whole connection is like on lockdown in those edge-of-campus zones.

---

research computation

---

Loading learning modules when in a very crowded lecture space.

---

Does not matter what I'm doing, WiFi is poor regardless

---

Couldn't connect for the first week of school - wasn't included on the network member list - since corrected.

---

downloading

---

Using Xpra

---

The WiFi just never works for me

---

Accessing online homework

---

It's always on TopHat

---

Doing RA work

---

My chromebook would not connect to eduroam without help from UBIT in Silverman

---

Wegmans/Instacart websites really don't like eduroam for some reason.

---

Taking an Exam, using lockdown browser

---

Gaming

---

taking a quiz

---

using tophat in class

---

Trouble connecting on my phone

---

I sometimes cannot load the page, or it is very slow in some office in basement Sherman Hall.

---

Loading anything in the apartment is slow

---

On a Call

---

Taking exams and doing hw

---

Research

---

signal dropping

doing lab work and data analysis

---

accessing google drive, email

---

When outdoors

---

Simply does not connect. Needs reauthentication every time.

---

examlify exam upload

---

Searching for sources on the internet

---

Doing homework on my laptop

---

I never have wifi problem

---

Trying to take an exam, but wi-fi failed and we needed to reschedule

---

Bell Hall has some dead zones and I disconnect completely from wifi

---

Wifi was down multiple times in my office.

---

I use my spouse PC.

---

Accessing the internet for class

---

Using any wifi service. Outages

---

Uploading an Exam on Examplify

---

Low network in Parking Areas and bus stops

---

I don't remember

---

Connection

---

Opening UB IT Email

---

Research

---

browsing and basic mobile application usage

---

Online gaming

---

Just connecting, my UB login doesn't work half the time so I have to use my login from another institution. And it randomly logs me out, at which point I will either try to use my UB login or if that doesn't work use the other one

---

Campus Wide Outage

---

Scrolling through the internet

---

Often unable to use internet when on eduroam , have to disconnect from it and use Verizon cellular network.

---

Doing shool work

---

wifi doesnt work. it will say connected but my phone will only allow 911 calls, my laptop wont load, ipad wont load

---

Just trying to connect to the internet on my smartphone.

---

Schoolwork



just trying ot use the internet

---

Using ExamSoft

---

top hat

---

connecting to wifi

---

Top hat will take ages to load up the course

---

accessing UB email

---

Connecting devices other than laptop or smartphone

---

Using the UB mobile app

---

It wouldn't let me connect to eduroam for the first couple weeks of class

---

Course work

---

General connectivity is bad, some times the eduroam network is indiscoverable, and at other times I can connect to eduroam but it has no connectivity to the internet.

---

Accessing UBBox

---

Loading Google Forms

---

misc. web browsing

---

On basic webpages (google etc)

---

Writing Exam

---

Completing work for the course I TA, sending email, preparing course materials

---

Phone fails to connect

---

Google searching

---

Simply trying to use wifi

---

Resetting certificate

---

Playing on my game console

---

Working on campus

---

tophat

---

Exemplify

---

My friend faced issue while writing mid term exam

---

Setting up new phone

---

Trying to sign in for teach-in

---

During mandatory class sessions

---

Use of Internet in general

Connection

---

Doing my research

---

Using UB websites

---

Downloading software suggested by professor

---

Just didn't work at all

---

in class taking notes

---

when the power goes out wifi goes bad

---

using apps that are not social media on my phone, problems with connecting

---

Trying to access internet at all

---

Trying to do hw

---

Setting Wi-Fi up

---

My daughter tablet

---

Using internet, trying to connect to wifi

---

Accessing the internet, had outages

---

Math Parking Lot, Kettering Parking Lot, Hochstetter Parking Lot

---

Just on my phone on the main page

---

Using the classroom screen projector

---

Examsoft

---

later the issue was solved by resetting my mobile

---

Anything really

---

Just working, writing

---

also uploading exams via examplify

---

Everything

---

Staying in apartment, and the wifi would randomly drop, or in NSC classroom, unable to connect. Also a few dead spots in Baldy 2nd walkway tables

---

Top hat, downloading/uploading with examsoft

---

I couldn't connect at all until last week. The setup just never let me through

---

Attending steam job fair

---

Connecting on Linux. I don't know what a Certificate Authority is, and I can't be bothered to find out.

---

internet browsing

---

It just went down

Sites not loading

---

Trying to look anything up on my phone

---

internet down

---

Talking to parking people inside capen

---

taking a quiz

---

Video games

---

using the computer for school work, google, internet browsing

---

Can't hook up my fire stick to Wi-Fi

---

Just using internet browser

---

Misc work

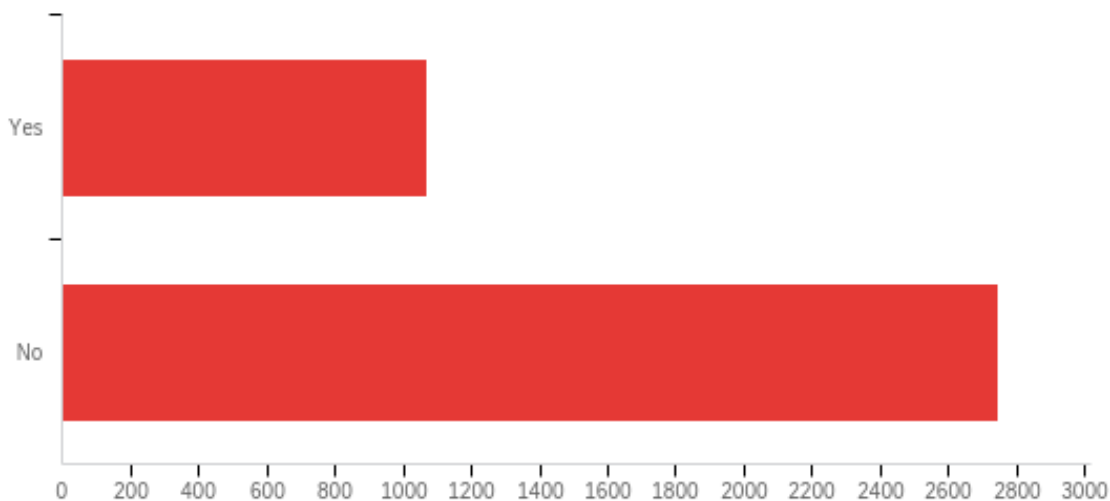
---

Couldn't connect to wifi using chromebook

---

All of the above

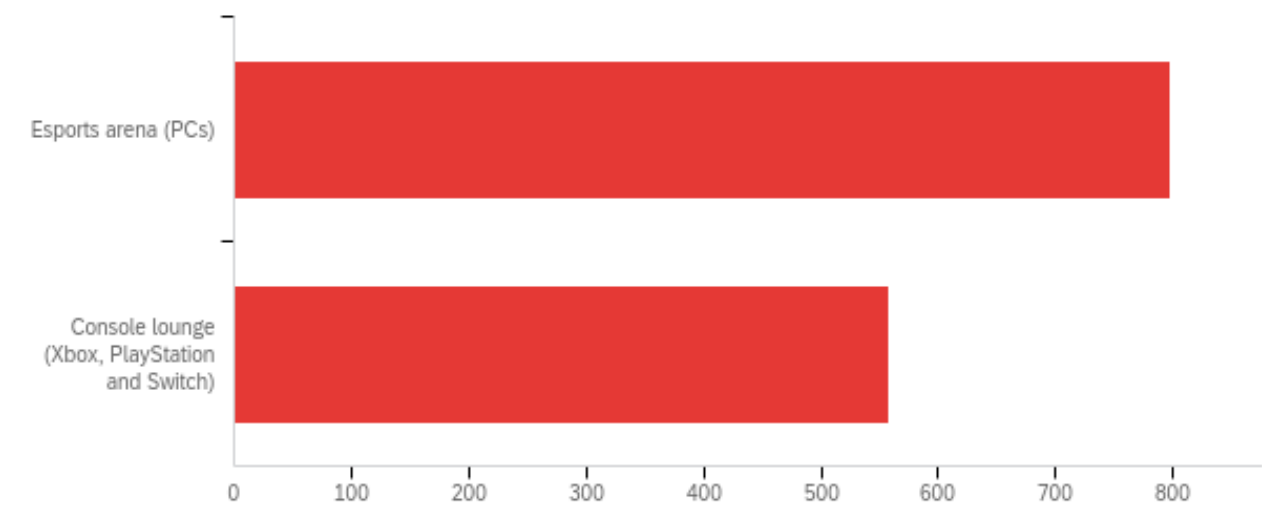
Q16 - Have you used the Level Up gaming site in Lockwood?



#	Field	Minimum	Maximum	Mean	Std Deviation	Variance	Count
1	Have you used the Level Up gaming site in Lockwood?	1.00	2.00	1.72	0.45	0.20	3817

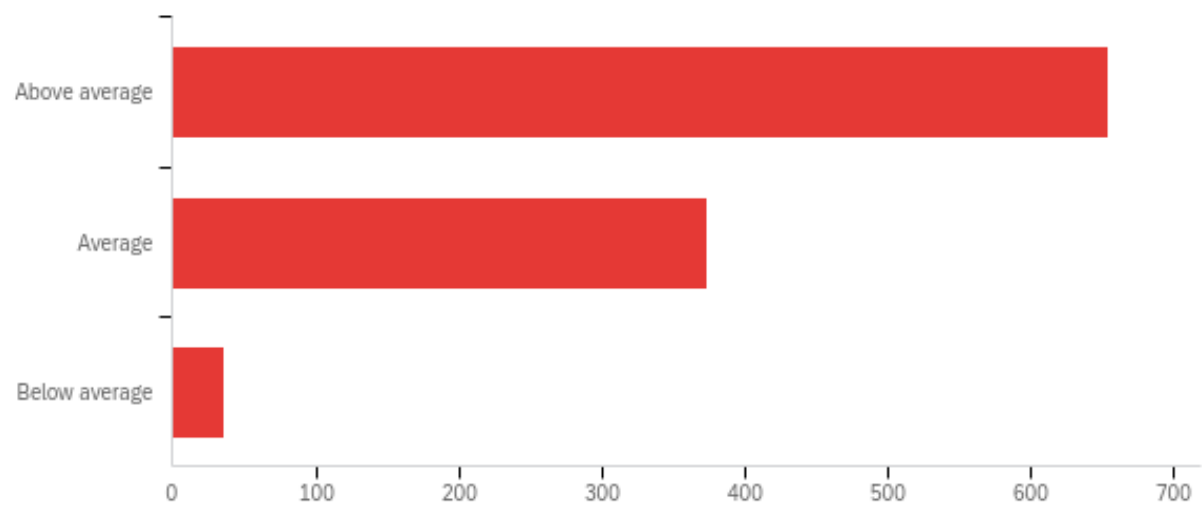
#	Answer	%	Count
1	Yes	28.03%	1070
2	No	71.97%	2747
	Total	100%	3817

Q17 - Which areas of Level Up have you used? (Select all that apply.)



#	Answer	%	Count
2	Esports arena (PCs)	58.85%	798
3	Console lounge (Xbox, PlayStation and Switch)	41.15%	558
	Total	100%	1356

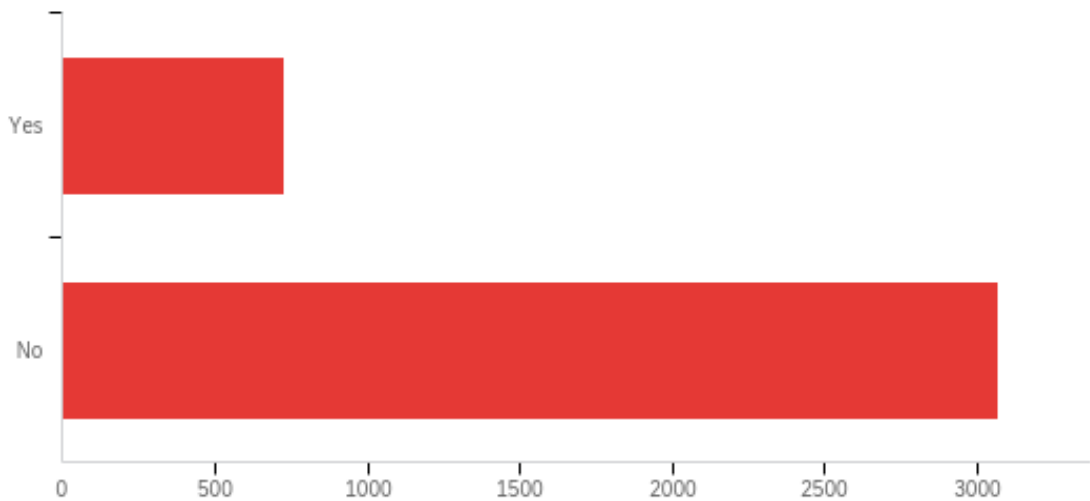
Q18 - Overall, how would you rate your experiences in Level Up?



#	Field	Minimum	Maximum	Mean	Std Deviation	Variance	Count
1	Overall, how would you rate your experiences in Level Up?	1.00	3.00	1.42	0.56	0.31	1064

#	Answer	%	Count
1	Above average	61.47%	654
2	Average	35.15%	374
3	Below average	3.38%	36
	Total	100%	1064

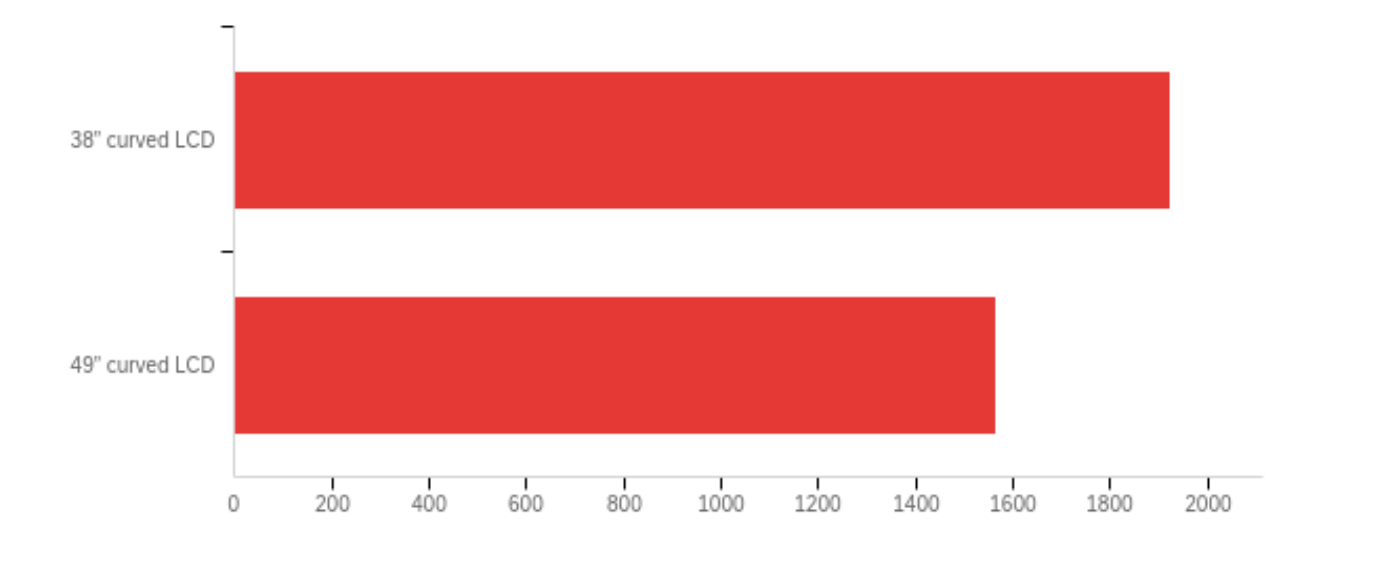
Q19 - Have you used the UltraWide (widescreen) monitors in Silverman?



#	Field	Minimum	Maximum	Mean	Std Deviation	Variance	Count
1	Have you used the UltraWide (widescreen) monitors in Silverman?	1.00	2.00	1.81	0.39	0.15	3798

#	Answer	%	Count
1	Yes	19.12%	726
2	No	80.88%	3072
	Total	100%	3798

Q20 - What size UltraWide (widescreen) monitors would you prefer to use in public computing sites?

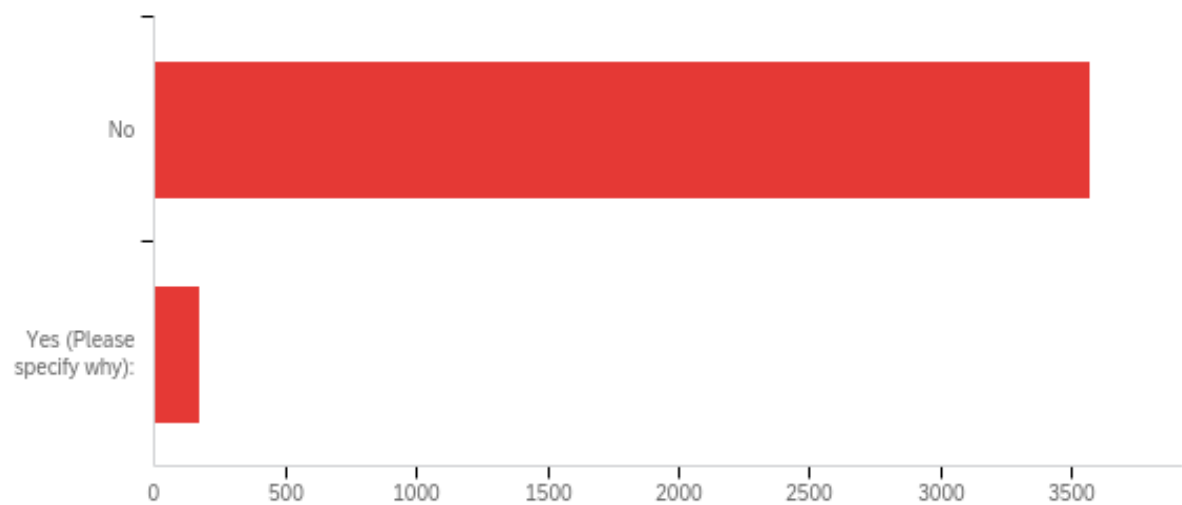


#	Field	Minimum	Maximum	Mean	Std Deviation	Variance	Count
1	What size UltraWide (widescreen) monitors would you prefer to use in public computing sites?	1.00	2.00	1.45	0.50	0.25	3486

#	Answer	%	Count
1	38" curved LCD	55.16%	1923
2	49" curved LCD	44.84%	1563
	Total	100%	3486



Q21 - Do you use the remote VDI service to connect to a virtual machine?



#	Field	Minimum	Maximum	Mean	Std Deviation	Variance	Count
1	Do you use the remote VDI service to connect to a virtual machine? - Selected Choice	1.00	2.00	1.05	0.21	0.04	3745

#	Answer	%	Count
1	No	95.41%	3573
2	Yes (Please specify why):	4.59%	172
	Total	100%	3745

Q21\_2\_TEXT - Yes (Please specify why):

Yes (Please specify why): - Text
Not on campus
Stats package
I have a Mac and need to use it sometimes for certain programs that can only run on Windows
Training

Clinical records access

---

Vr

---

For my IT course

---

To acces SAS and minitab on my macbook

---

to work from home during late nights

---

used to connect with cedar servers during my assistantship

---

I used its a bit for minitab access

---

MS access as I currently use MAC

---

I don't know what that is

---

Use older/different operating systems

---

To use Microsoft Access on my Macbook

---

It helps in accessing my files. Currently I use loaned laptop from UB. In case I forget to bring that to college, I can have the copy at VDI service. So it would helpful

---

required in computer security course projects

---

My previous employer had data restriction for security reasons. We had to use Citrix virtualization solution to connect with remote desktops

---

Because I have a Mac and some classes require PC only software

---

Needed microsoft database making software, have a mac, remote online student

---

My apple laptop cpuld not run the macros for an excel file and i had to use it for some courses.

---

Coding related work

---

To study with a group

---

To use ArcGIS

---

Since I have a Macbook i'm unable to use some software so using vdi help me remotely access the softwares

---

So I can use Microsoft access for my mgs351 class

---

Emulate different oS

---

I can't access MyUb from home otherwise

---

Remote access to solidworks

---

SAS

---

LIN Remote is hosted virtually

---

MGS Access

---

Dual boxing off machine applications but it is incredibly slow

---

Tried to use in order to open newer version InDesign files not supported by my version of the software; no luck.

Protected HIPAA info

---

Cadence virtuoso software

---

Research lab, for computing and transferring data files

---

Emon

---

MGS

---

Job purpose

---

Remote desktop connection

---

Research

---

During our MGS 101 lab sessions

---

I am a PhD graduate student and research assistant so I have to have access to my virtual desktop.

---

I'm not sure about the technology

---

CSE courses

---

For my assignments

---

Necessary for MGS101 lab activities

---

for classes CDA101 and CDA215

---

Computer security labs purpose

---

Occasionally need access to OS specific software.

---

I am also a staff member, I use it for work. But, would use it to remote in to use Minitab for class.

---

For my coursework in MGS650

---

I didnt have a laptop for the first few weeks of class

---

For MGS 101

---

CSE 220 class and render things because my laptop can't handle the heat very well

---

Home network vm

---

but i cannot access some apps in it

---

MGS 351

---

Virtual GIAL for lab work using ENVI and ARCGIS

---

Required to Run Linux

---

CSE 220

---

To use the softwares

---

CS classes

For the tasks related to computer security coursework

I think you are talking about the study rooms in silverman I use them to connect my laptop to the screen for group projects or practice problems

My coursework demands use of different OS and servers to understand better!

Cisco

ccr

virtual computing lab

Graduate Assistant Work, SAS for classes

Computer security labs

For my lab work.

for my MGS 351 class

access axium, dolphin, and files

vsphere

research

Access research documents from home

Emon

I have some programs I need to access for my research

CSE365

To use SAS from home

for some courses

To present my screen when working on a project with my team mates

i use them for personal purposes, and havent ever used it for homeworks, academic projects and stuffs

I have a mac

I have a Mac

I had been using UBVDI because of my ITM 101 class which requires students to log into VDI .

My laboratory work

I used it for my mnc assignment

I have a Mac.

Mgs101 class

Virtual software

To run statistical software

## ARC GIS LAB

---

I used it back when my laptop wasn't powerful enough for certain tasks.

---

I run a mac and had to use Microsoft Access for a homework assignment

---

these awesome

---

To access jsmb's contact/class lists from home

---

I need it for my database courses, in order to use microsoft access

---

MGS 351 course requires a website that is not accessible on a Mac

---

For editing my personal webpage from off campus

---

For CSE220 to code C

---

class

---

School Work

---

My computer at home from school

---

Course work

---

I need it to access certain programs (e.g., SPSS), but it doesn't work well so I rarely use it.

---

remote research

---

For class

---

My PC cannot run programs due to licensing and also processing power

---

To use SAS

---

Class project

---

I did for access

---

Our department has licenses to use some software for our research. Other things I do them on my laptop

---

Vpn to access the dental health record system (axium)

---

For windows OS

---

For class

---

To use for my classes because my macbook does not allow me to do certain things

---

To access files only available on medical school network as part of GA position

---

Class

---

I tried this when I needed SAS for a course and it was too clunky

---

Parallels

---

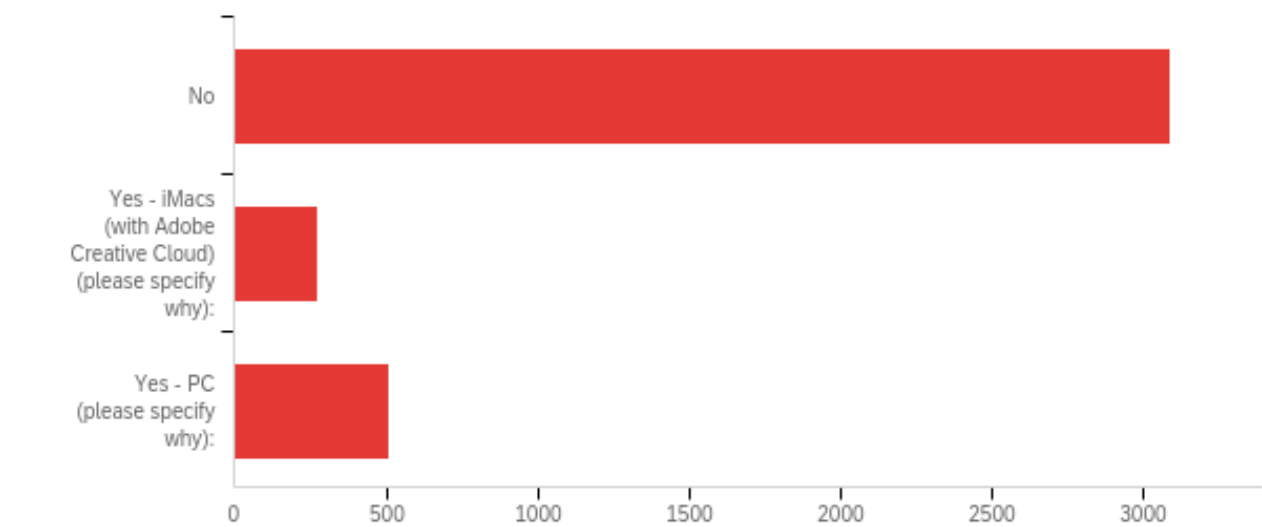
for SPSS

Need to run pharmacometric programs

---

For IT class

Q22 - Do you use computers in the public computing sites?



#	Answer	%	Count
1	No	79.89%	3087
2	Yes - iMacs (with Adobe Creative Cloud) (please specify why):	7.01%	271
4	Yes - PC (please specify why):	13.10%	506
	Total	100%	3864

Q22\_2\_TEXT - Yes - iMacs (with Adobe Creative Cloud) (please specify why):

Yes - iMacs (with Adobe Creative Cloud) (please specify why): - Text

I have found IMacs to be easier to use than PC
for homework
mac and PC
They're very smooth and easy to access.
I feel safer
I don't have a laptop
Sas
homework
For a second screen when I am doing work

Yes - google docs

Made a power point for one of my classes

Digital Art Course

for class

To use Adobe software

Keyboards are nice to use, and bigger displays

No

For course work

I use Adobe for school

For adobe photoshop and lightroom

i dont have my own computer

For class projects

to complete any assignments, works faster than my laptop

iMac

For my classes

Editing with Adobe Premiere

Using Adobe light-room classic

the pcs are very slow.

for classwork

For work

Hws and coding projects

Cause I don't have it

I didn't have my laptop one day and decided to use one of the iMacs available.

For class

multiple user options

Easier to use

for the adobe stuff

School work

Used when I had a class that required Respondus LockDown.

School work because I don't have a reliable laptop



need certain softwares and more familiar with mac

For video editing, photo editing and project completion

Academic use

Premiere Pro

as additional screen with laptop

Prefer bigger screen sometimes for work

Only in the CFA's photo lab - used for editing photos.

because I don't have a personal laptop

general

to learn editing

More accessible

the iMacs are good for helping me update my LinkedIn profile

It has Adobe License and is much better than the PCs

easy to use

My system was crashing, so I had to use this to access the resources. Specially Codio

For homework and quizzes

When my computer died, I have to go to the library to finish my work

Working with peers

I use them to access Adobe Creative Cloud for my major related courses.

For group projects

Administration work, Homework, and projects

To learn the basics of working with Macintosh (I use Linux, formerly windows).

I have had to use photoshop once in Silverman for my DMS 121 class

I wanted to use xcode on the macs but you do not have it.

Photoshop access, as it's not available to me at home

Occasionally need to edit lab videos.

Adobe

To get work done

for my ART220 projects

ub learns

For Everything because my laptop is very slow.

Adobe Suite

they're pretty

I'm a fool for technology.

I use photoshop and premiere pro in the computer labs at center for the arts for some of my classes because its free.

Art Major (photography)

Classes

Germans and convince

For assignments and extended screens

Classwork

The screens are bigger than the PC computers and in Silvermann the Mac area is less crowded

It has very good screen

For assignments as my current laptop is not good enough

I'm

Laptop couldn't run adobe

Sometimes I will use Premiere Pro for personal projects

Adobe Creative Cloud

Sometimes my laptop does not have enough charge so I use the iMacs instead.

To use photoshop

Editing pictures for photo club using adobe lightroom

I used them before getting a laptop in the laptop loan program

for homework

Sometimes I do not bring my laptop to the campus.

To work on homework assignments

In class

Complete Photoshop assignments for photography class

Ease of connecting my AirPods,

I used iMacs to edit my videos

Photoshop personal stuff

I like them

I use adobe creative suite for my classes

---

to do coursework outside of my dorm

---

It came with free airpods, but not satisfied with the computer.

---

To do my work for Photoshipe

---

for a bigger screen

---

They are newer

---

work edits

---

To use adobe after effects

---

Class projects

---

Complete ting assignment, study

---

Photoshop

---

i like macos better

---

Its just a different place to work to spice things up and I save my laptop battery

---

To do graphic illustration for classes and personal projects

---

Use photoshop occasionally

---

To complete my project

---

I like Apple products

---

Homework

---

For the Adobe Creative Cloud

---

Software that I don't want to buy

---

Printing and finishing some work

---

To do work

---

Laptop was not working

---

hw

---

I use it for my art classes, I need Adobe Photoshop

---

Hw

---

I use iMacs because I am comfortable with macOS. I also use the Adobe Creative Cloud a lot for photoshop and illustrator . But I am disappointed that there is no Xcode in our library iMacs

---

to get some research done on my work

---

to sometimes do work

---

To access Adobe products like Premiere and Photoshop

---

Hw

Double screen for schoolwork

no computer of my own

I just like the iMacs

Convenient

I like to have an e xtra computer running along side my laptop occasionally

School work

To create media content

Homework

Because I'm used to use iMac back home

I use iMacs to upload my course work.

For assignments

They are faster

Feels slicker

Photo wding

For project works when my laptop is slow

school work

I prefer IMac computers but can't afford them

for days when i don't carry my laptop

To get work done

Sometimes my laptop is unreliable

I have a mac laptop and I prefer mac to windows

To help take notes, watch lecture videos, etc.

I hade to design a website and the tools like adobe photoshop are only available on those iMacs

I'm comfortable with macos

for studying

To get challenging work done or if I can't load things on my tablet

home work

Q22\_4\_TEXT - Yes - PC (please specify why):

Yes - PC (please specify why): - Text

The software Solidworks crashes quite often in my laptop so I use public computers for my homework.

I don't enjoy the MacOS; I've always been much more comfortable using PCs

There are PCs there to use

availability

to study

computing class

The required software for my courses favor PC

The mode to work is high on PC

Because my laptop has so bad condition

My laptop was stolen. So I don't have a laptop thus I use PCs at silverman to submit homeworks.

more familiar with windows

I use the PCs in Hayes Hall occasionally.

I prefer it

If I leave laptop or charger at home

They're closer to the entrance, it doesn't really make a difference to me

I am used to using PCs

To watch lectures while notetaking

for college work, assignments, course content and gaming

When I didn't bring my computer with me to school

To utilize required software for courses

photoshop or other softwares for design assignments

I feel safer

For academic purposes and printing use

I don't have access to my own PC that I own.

LG gram for study

Homework

Yes, Don't own a laptop

Bigger screens and better keyboard than my laptop

Excel short cuts

HW

Easier access to software with all my preferences and presets making course work more efficient.

when I work on campus

To do homework

coding and minitab for class assignments

improve study efficiency

homework

for homework when I need another screen, or if I need to do multiple computing tasks at once

printing

My laptop broke earlier this semester and I needed to use a computer

Yes - microsoft suite

to study, work on assignments etc

Had to use the SAS program for my statistics class

I don't have a computer

my laptop is currently broken

using architectural programs

Ketter 208

I use them to print slides for classes

To print stuff and have double screens going

to do homework etc

easy to use

I've used only windows

This is what I am most familiar with and I like the controls

I don't have a PC but classes are requiring PC only programs

For class

My laptop is currently inaccessible; the spacebar and backspace keys aren't functioning properly. I could have them repaired by the same IT service that's repaired the laptop in the past, but considering I've spent almost two months completing my assignments and trivial activities without it, I feel it's best to wait until I return home for winter break to have it repaired.

I prefer PC

When I have to do work but cannot use my laptop

i don't have my own computer

for schoolwork when I don't have my laptop

---

To do homework

---

When i forget my laptop at home

---

Stats software

---

more than 1 screen

---

my coursework is on my laptop, easier to just use hdmi cable to connect to big screens and put everything out in easy to view manner

---

AutoCAD, SAP2000

---

It is useful if I am on campus and do not have a device.

---

sometimes

---

Use for openroads software in Ketter lab

---

some times to work

---

I'm used to this system

---

My laptop cannot be used to run the programs I need to use for different classes.

---

Save laptop battery life

---

I used to before I got a laptop, and I preferred to use a pc as I just find them easier to deal with compared to macs in terms of messing with files and all that

---

for specific software packages (SPSS)

---

School

---

more screen space, runs more effectively, more reliable

---

For architecture course work

---

I dont have a laptop and some assingments i like to work on between classes require a pc

---

In the clinic for report writing

---

Extra monitor

---

architecture

---

to view some files real quick

---

For some architecture classes in the computer lab or for printing to the architecture plotters

---

When I'm in Capen library, I use the PC in the 3rd floor as they are faster than my laptop. I use the PC's because I prefer it over then iMacs.

---

To do work on UB Learns primarily

---

Homework, online assignments and exams

---

to connect to a larger monitor

---

Solidworks doesn't run well on my personal laptop

For study purposes

Because my laptop crashed and I need it to do my course work

emergency use when my laptop was in repair

Didn't bring laptop

I have a non-Apple laptop and the experience is more streamline to use the PCs

For Microsoft access

I prefer word.

Schoolwork

More familiar network and system(never used MAC)

These were available

coding and working on homework

For my academics, for applications like colab

SPSS

SAS

For GIS course work

If my PC is having issues/I forgot a charger

Need to use certain software for classes

I have Pc but it produces a lot of noise. Also, it's laggy because it's old so I like to use the public iMacs because it's faster and looks nice

Projects and work

You don't offer Linux

I'm more familiar with PC than Apple products due to their increase of expense. I used the computer la because I don't always carry my laptop but needed to look things up.

I do not bring my laptop to campus everyday so I use the PC's to print off things as needed and answer emails.

School work

Hayes Hall PCs with Adobe for studio projects

engineering coursework

Homework, MatLab

School work because I don't have a reliable laptop

I need it for 3D modeling softwares and adobe creative cloud

I have a class in a computer lab. The software is preloaded on the computers.

Allows for certain programs not available on Macs



My laptop was not working that day

that is what is available at the medical school campus

I am a pc girl

I need to do assignments on programs such as SAS

Easiest to use for me

need stats softwares that are easier to use on PC

When I want to use a wider screen

for send emails and homeworks

I would like to but half of them were turned off

larger display than laptop + kb/m

Data entry, data analysis, researching for classes and assignments

Access to database

Academic use

Arch print lab

My laptop doesn't support some softwares or have troubles installing. For a week my laptop was not working so was using UB pcs.

I like windows 100x better

AutoCAD

to print

as additional screen with laptop

No laptop.

School exams on occasion

Need it for class use

Comfortable with HUI

Same thing as above

Apple's overrated

My laptop broke earlier this semester and needed to use a computer

When I do not need files or programs off of my laptop, it is easier to leave my laptop at home when I travel to school.

because I don't have a personal laptop

Good work environment

for clas

---

for class

---

for listening to classes

---

sometimes, to do some research

---

print, google, reading

---

I like the UX better

---

prefer this interface

---

to have two computers screen

---

helps me studying

---

Even though I have an apple laptop I prefer PCs on campus. Easier to navigate as PC desktops.

---

To do my homework or watch lecture videos to save time.

---

When my Laptop acts up, I go to the Buffalo public library to study.

---

Most comfortable, only using basic functions (library search)

---

To print documents I need printed

---

it is a lot easier to code with multiple monitors and I have a PC, not an Mac

---

laboratory computers

---

To do homework

---

sometimes when i don't have my laptop with me

---

Occasionally if I forget my laptop and need to edit a document/print it. They are gross and unsanitary and there are lots of rude chattering people around though, so I try not to.

---

i love how PCs work far better than any tablet or cellular device to effectively load, navigate the web, and complete assignments on time thanks to the programs and efficiency

---

convenient enough

---

To take some print outs sometimes

---

Use windows software

---

mac sucks

---

To have access to software used for coursework

---

for SPSS

---

No laptop

---

No laptop with me

---

Because I am more familar with it

---

for unreal engine

## Administrative Work, Homework, and Projects

---

They're convenient. Sometimes I don't bring my laptop to campus.

---

## GIS Lab

---

class work, better than my computer

---

## GIS

---

I don't want to install Lockdown browser on my laptop.

---

## Homework

---

fits my academic needs

---

printing

---

Using SAS software

---

Occasionally need to use Windows specific computers/Forgot laptop at home.

---

Forgot my laptop at home once and needed to get work done

---

## Microsoft

---

I don't have a laptop so some of my assignments require programs I can only use well on a computer.

---

I prefer a computer that isn't a mac. I don't like the restrictions.

---

Sometimes my laptop is not working as well, so I use public computers when I have assignments to do.

---

i prefer the computer layout of UB websites

---

ub learns

---

To do classwork

---

Used to

---

To do all my coursework

---

Sometimes my laptop would die and I don't have my charger. Or I would leave my laptop at home.

---

## Ease of use

---

I need multiple screens so i can follow along with lectures while I work. There is NO WHERE on campus to accomplish this. Silverman has docking stations but the tables are too small to fit any material, notebooks, laptops, etc. Not that convenient!!! In the working world an employer gives you two monitors and a desk. Im at the point where I should rent office space to get my work done. Grades are suffering due to lack of workspace on south campus.

---

Ultrawide monitors allow me pull up the lab, Excel, MATLAB, and Word at the same time without switching windows and tabs.

---

For homework

---

I'm more familiar with PCs so I use them in the public computing sites for homework and class work.

---

Sometimes when I don't have my laptop or iPad

they run some software better than my laptop can

I like having larger screens to display my work

MGS351

When my laptop dies.

For my schoolwork

I'm a fool for technology.

I use photoshop and premiere pro in the computer labs at center for the arts for some of my classes because its free.

I used to have alaptop before with same

When my laptop doesn't work I use them for typing or research

I like to preserve my laptop life

excel runs better on it

Doing coursework, accessing UBlearns

Sometimes I forget my laptop

There is a desktop computer I can use on campus for when I absolutely have to do homework on a PC. I have to leave my dorm room and it's in public. I cannot take the desktop with me to classes so it's harder to take notes, especially when I have difficulty writing but my average typing speed is 120+ WPM. I also have an Accommodation Memo with recording, but I can't use it because I don't have a laptop to use it with and my phone doesn't have enough storage.

Because PC's are recommend for the software I use for my classes and many of programs used aren't even available on macOS

Classes

Those are available

Doing school work and printing documents

For assignments and extended screens

Classwork

homework

For a computer science personal project

I'm used to using PC equipment

They are in the library I go to most

Gaming/homework

For assignments as my current laptop is not good enough

Those are the ones i use for my assignments

for TA job

For any work regarding courses

---

Sometimes I prefer linux but have no personal machine to install it on

---

To do homework

---

For Studying

---

To do schoolwork when I am not in my dorm

---

Basically use it as an over-glorified second monitor for my laptop.

---

More suitable to run software for projects

---

Creativity increases

---

i have no laptop

---

Easier to do practice parallely while listening to lectures

---

imacs are confusing to operate

---

For coursework

---

Some class require programs to complete homework, most of the computers on campus have the required programs needed.

---

iPad limits drawing abilities on certain websites

---

I prefer Windows for coding

---

For my homeworks.

---

I find PCs easier to use.

---

Large printing services

---

School work

---

I prefer Microsoft on PC

---

printing and research

---

What i'm used to

---

Mostly for printing or using Rhino for classes

---

when I do not have access to an iMac

---

When my laptop was broken

---

Convenient and possesses the operating system I understand

---

Nice to have an extra screen when doing work

---

certain software

---

I am more used to using PCs rather than iMacs

---

to use Microsoft access/excel

To access desktop Word or make printing easier

---

In the libraries to complete school work.

---

working on treatment plans, look at schedules, and working on homework

---

Some time it is more convenience to complete web work using PC

---

I'm more comfortable with yhis

---

Accessing UBmail, Courses,and more

---

Windows is what I am familar with

---

As I don't know own one I have to use the ones available in the library and other computer labs like the one downtown if I want to generate word docs or presentations or even if I have to run softwares

---

multiple screans

---

For coursework, when I was in a computational class

---

For statistics class

---

work excel

---

Easy to use

---

That is what is in HSL

---

for accessing course material

---

To watch lectures

---

Class projects

---

sometimes easier to print work from

---

my laptop broke down

---

I have a mac

---

Running SAS programs

---

For GIS

---

Work

---

To print in the department

---

I find it convenient to do work

---

I like PC over iMacs since I have a Windows laptop

---

I have a Mac and I can't run a lot of the programs we use in our classes. Also it doesn't support multiple programs at the same time or rendering.

---

coursework

---

Sometimes my pc is way too slow or I can't load up specific sites due to a cookies error

---

Printng, computer lab

my computer has not always been reliable (my current one is), so i have used these.

schoolwork

I just know how to navigate them better.

For SPSS software in the previous semester

I like the ui

I like windows more than mac

Laptop broke last year I needed something do run solidworks

more familiar with it

It keeps me focused on my schoolwork more than my laptop.

They are more reliable, Macs can not run GIS, Excel, nor AutoCad sufficiently for architecture or planning. In the field thos either Apple are encouraged to sue loaner PC's in order to work with hockey's and to have a better overall program layout.

printing

For classes where the software is too advanced for my laptop

Sometimes my battery is dead, so I have to use public computers to do homework.

Practice & Class Assignment

Research/homework purposes

I do CAD modeling. So intially I used to do it with my laptop and PC, but now it got broken and was unable to do it

Windows OS is preferable. Computers have SOLIDWORKS installed.

to write documents

sometimes i need to open multiple screens

Run software

My files are only in my laptop

Assignments

More familiar to me

I'm not familiar with Mac

Its faster than my laptop so i login to read my pdf assignments or sometimes just use it as second screen

Printing and study

Need computers

I like it more

To do work

Laptop was not working

hw

to do homework, study

usage is convenient

that's what Hayes Hall has

As I cannot navigate through my phone and PC simultaneously

for editing for media studies classes

i don't have a computer

MGS 351 course

I am more comfortable with PC than Mac

Fixing homework

For hw

video editing and school work

To do work because the software, I don't have in my laptop

For research help

If I forget my laptop then to do some work.

When I didn't bring my own laptop.

Windows

To do my work

For coding and assignments

To use free software and better than UB Loaned Laptop

For carrying out day to day activities including but not limited to assignment completions on ub learns, internship searches, resume creation etc.

for using large screen while studying etc.

Yes, sometimes for class projects.

Hw

Coursework

I need to use the PC at Hayes to access the architecture printer

Study

Connection to printers

lab



I used it before I borrowed a laptop from UB

---

Exams for one class

---

no computer of my own

---

I am able to access the statistical programming software, SAS, on the PCs.

---

Use it for school work.

---

I am more used to the layout. The service is really quick compared to my own laptop and I also like using the mouse

---

Printing

---

only use them when my lap runs out of charge and i dont have my charger

---

Projects and Homework

---

I'm way more familiar with PC's than Macs

---

I like to have an e xtra computer running along side my laptop occasionally

---

SAS

---

to View class materials only available through the computers.

---

yes for college work submission and browsing the slides of lecture

---

to print in my department

---

it's what i'm used to

---

To do hw/ catch up on emails and check grades

---

For work

---

To do assignment and send documents to the printer

---

Printing

---

I'm familiar and use pc exclusively at home

---

Doing homework

---

Furnas 1018

---

To work on assignments

---

Only occasionally, when laptop is charging

---

The large monitors in Silverman Library are nice for extra screen space.

---

Class work

---

I don't own a laptop of my own so whenever I need to study (and I am unable to borrow any laptop from my friends) I use the PC.

---

I have a Mac and some things you have to do on a PC

---

For homework and class that need Microsoft

---

Better quality

For programs my laptop can't run

In between classes, when I don't wanna go home

for contributing to open source project

Better performance than my laptop

gaming

There's seating by the computers usually

Yes

Certain programs (NodeXL) are not available on a macbook

To complete homework and assignments.

for class

To run macros on excel and to use access

Had required statistical programs for coursework that were only available for purchase for personal computer

As My laptop does not support all the softwares I have to use

Personally use PC, MS apps more familiar

Cause I get a bigger screen size this way

Printing

To research about my projects

My Laptop was having keyboard issues and I needed to do work on campus

My personal computer doesn't work for certain lab websites I need

Need it for specific software

If I need processing power exceeding what my laptop can provide. Like for running FEA analysis or matlab scripts which are CPU intensive.

For School Work

To use cadence virtuoso in lab

South campus computer labs for architecture students

Just to get assignments and stuff done since my laptop is old and heavy

To run large programming software that would take up too much space on my own personal computer. To use UBBox. To have a designated work session/focus better.

For ub learns

Printing

I am used to pc

class home work

---

They are what are available in the grad office

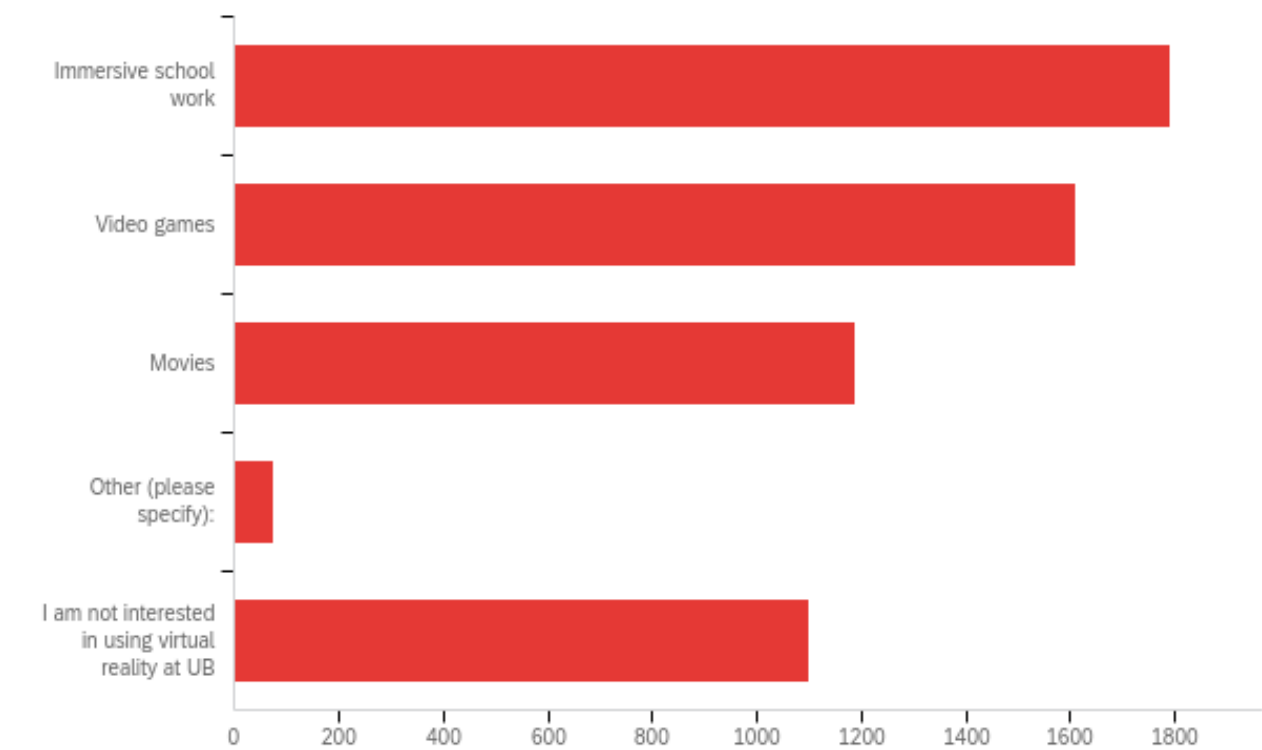
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They're what are available at Abott

---

My laptop doesnt work well

Q23 - How would you like to use virtual reality at UB?



#	Answer	%	Count
1	Immersive school work	31.08%	1792
2	Video games	27.96%	1612
4	Movies	20.62%	1189
5	Other (please specify):	1.27%	73
6	I am not interested in using virtual reality at UB	19.06%	1099
	Total	100%	5765

Q23\_5\_TEXT - Other (please specify):

Other (please specify): - Text
To see the interior and exterior view of the designed building in reality
Virtual school trips, i.e virtual visit to a lab or company
Simulation

Did not know about virtual reality at UB

---

Research

---

that would be funny do it.

---

Virtual lectures / labs. Real time or not would be cool.

---

I want to have a virtual reality party on Chippewa

---

All of the above

---

I never tried it. So I am not sure what to do

---

Curious about other applications outside of video games and movies

---

Who do you know with a PhD that used VR for anything other than playing around

---

Research studies

---

To try it out

---

All

---

Revit/rendering programs

---

For research

---

Just to test it out

---

I would need to know more about this to answer this question

---

Neat idea, but I can't see a great use case.

---

Group activities, or small group activities, that are more interpersonal and connected, allow for more specific reflections/opinions to be formed surrounding usage

---

Training and development

---

Research

---

Augmented reality features as well.

---

Live action games for fitness

---

Maybe a virtual tour

---

Didn't know it existed

---

I want to use VR to create large scale and accessible artwork.

---

Remotely accessing Food Menus at the eating outlets on campus

---

It's not valuable. How about use this to increase the salary of TA?

---

As an adjunct in gross anatomy

---

I would like to do research on Unreal Engine in the school of architecture. So useful in our real estate program!

---

If it can erase bad grade outcome, I'm all ears. I'm for it.

learning through game

Navigate

Viewing 3d structures from a virtual view

Visual aid learning in engineering and applied sciences.

No I haven't used yet

All the above

No idea we have VR at UB

Attending class room lectures remotely, remote group studying

I would love to, but I am physically unable

I just want any device to study not sure about these questions

Virtual UB tour

Honestly these all sound cool, just whatever you can figure out im cool with

just to know how the tech is in quality.

virtual experiments

None

No experience with this tech

Medical simulation labs

for games

Not sure

Ive never used it

Yes! I wish UB had a digital twin so I felt like I was attending class on campus!

A small fee to watch the live performances where all the clubs perform in CFA

sports

I have my own headset for my desktop computer. I'm only bummed I can't use it for school work.

As supplemental for gross anatomy lab, an accurate cadaver

For academic research

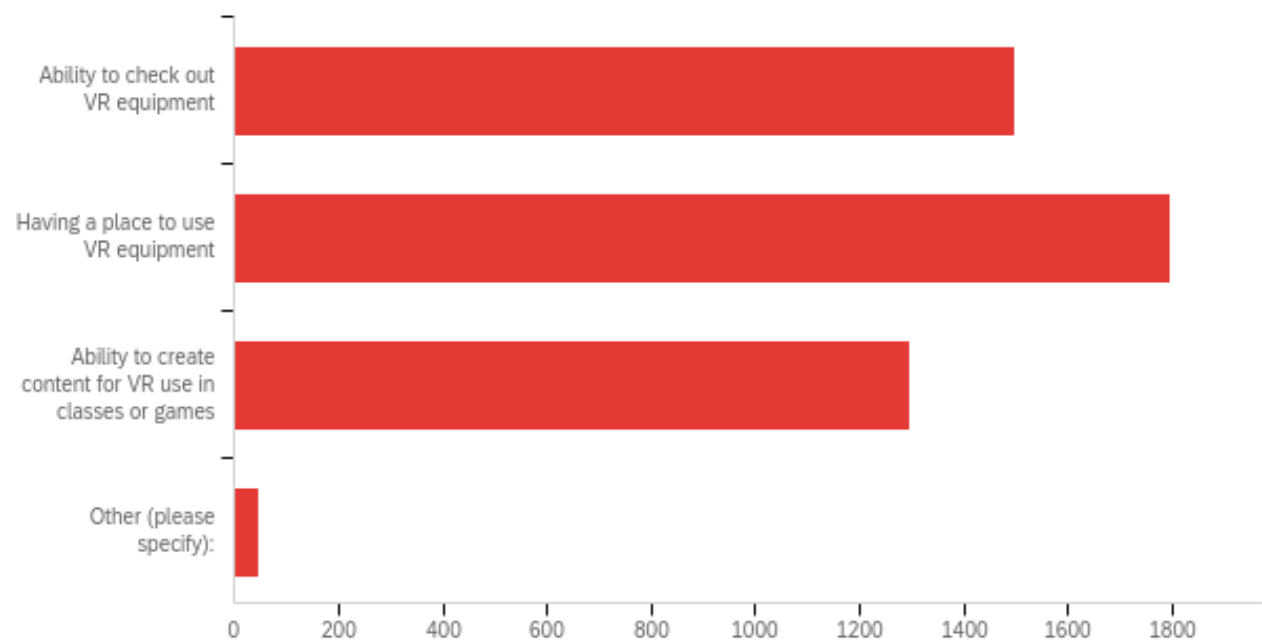
Anatomy please dear god

I haven't used

N/A

research! put participants in virtual reality and survey them to see if different responses result

Q24 - How can we support the use of virtual reality at UB? (Select all that apply)



#	Answer	%	Count
1	Ability to check out VR equipment	32.31%	1499
2	Having a place to use VR equipment	38.74%	1797
4	Ability to create content for VR use in classes or games	27.98%	1298
5	Other (please specify):	0.97%	45
	Total	100%	4639

Q24\_5\_TEXT - Other (please specify):

Other (please specify): - Text
Create a course on VR game/world/experience programming
Advertise more so people finds out how to use and where to use
researching what VR is and if it is actually part of our future?
As an online student, have option of purchasing or just send VR supplies to students. Include price in tuition
teach how to do it for beginners
ability to learn how to use it

Having vr available in residential halls

---

All are good uses

---

would be amazing in architecture classes

---

UB Gaming Rentals

---

I would need to know more about this to answer this question

---

Making considering hand coordination skills in games that require fine motor and quick reaction. And acknowledge them as somewhat beneficial skills for schools like dentistry. I don't know how this could be incorporated, but some awareness about this might help.

---

especially for classes

---

Signing up or online sign up/booking of usage to the VR set, or small group activities to be booked/scheduled with VR

---

To view the theory to get virtual idea of course

---

Keeping track of if the lot has any parking spots before getting into the parking lot. That will save student a lot of time because usually the wander around to look for a parking.

---

implementing VR based School-work

---

All of the above

---

Not interested

---

Ability to use VR equipment as online student or obtain from other SUNY campuses

---

N/A, online student

---

In the classroom for gross anatomy

---

Unreal Engine! Game Development Club. Online learning. cutting edge stuff!

---

Subsidized equipment for purchase at discount retail

---

Host demos for people to try it out in a casual way

---

educate me on how to do it

---

Not sure

---

Having workshops for informing interested students about virtual reality

---

Not sure

---

N/A

---

Ability attend many campus events

---

unknown

---

Let departments decide

---

VR specific to medical school/labs

---

Class at home would be cool



Teaching about VR in a VR Club

---

The ability to attend classes in VR or use multiple monitors in VR/AR. I love using Horizon Workrooms for classwork because I can throw up 3 monitors at the same time.

---

Gaming

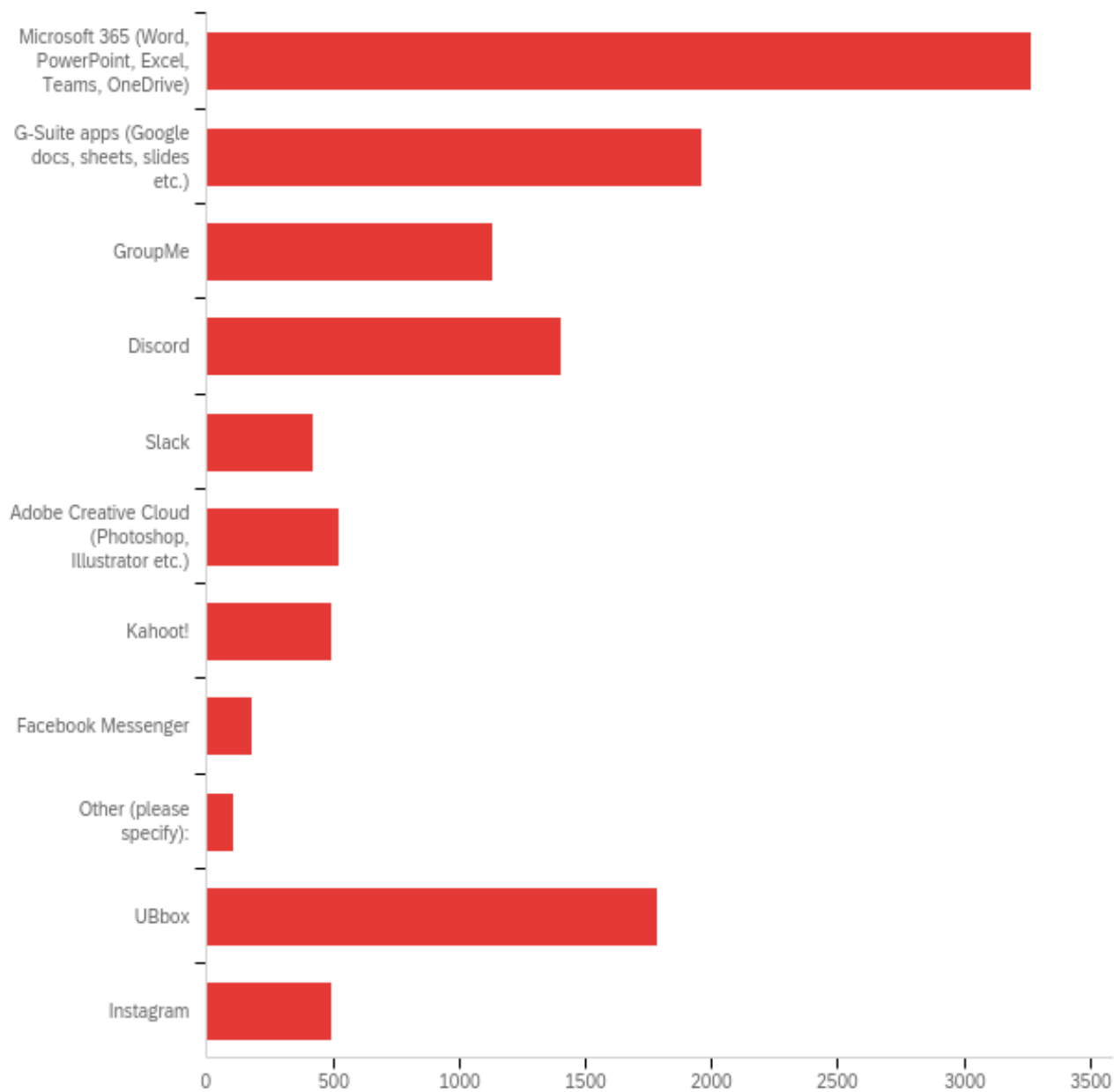
---

Having an area like Level up but dedicated to VR would be amazing.

---

NA

Q25 - 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)	27.74%	3267
2	G-Suite apps (Google docs, sheets, slides etc.)	16.63%	1959
3	GroupMe	9.61%	1132
4	Discord	11.91%	1403

5	Slack	3.60%	424
6	Adobe Creative Cloud (Photoshop, Illustrator etc.)	4.46%	525
7	Kahoot!	4.19%	494
8	Facebook Messenger	1.55%	183
9	Other (please specify):	0.93%	109
10	UBbox	15.15%	1784
11	Instagram	4.23%	498
	Total	100%	11778

### Q18\_9\_TEXT - Other (please specify):

Other (please specify): - Text

What's app

Miro

overleaf

Graphpad Prism

Teams for work/school

WhatsApp

Canva

Adventures in Commercial Real-estate Accelerator

I don't know yet

LibreOffice

youtube

Notion, Youtube

Whatsapp

Brave Browser

Mattermost

SAS, SPSS, OneDrive

Wolfram Mathematical 13

VDI

Snapchat
None
iMessages
Autocad, rhino, grasshopper
Zoom
Mat lab and solid works
Remind app
Photoshop, Autocad
Canva, WhatsApp, Apple's Suite (pages, numbers, etc)
Whatsapp
Apple office
Linkedin, Handshake
Reddit
Google docs and drive
Canva for designing slides.
fliX
Tophat, Figma
WhatsApp
FlipGrid and Canva
canva
SPSS, Stata
Iphone messages
Telegram
Cisco Connect & Remote Desktop
Zotero, Obsidian, Raindrop.io
LibreOffice, pandoc
WhatsApp
Microsoft teams
Samsung Notes
Origin, Matlab, Blender, various analysis/scientific software

Open

Canva

Canva

WhatsApp

Minitab

CANVA, CMAP

Apache OpenOffice.

Matrix

OneDrive (my savior)

padlet

Grammarly

ReadAloud

Notion

zotero

Whatsapp

iMessage

linkedin

Rhino

Canva

phone number

art softwares like clip art studio

linux/ open office

CCR

Miro, WhatsApp

Notion

Quizlet

Notion

GitHub

Visual Studio Code

Teams

Notion

---

snapchat

---

LibreOffice

---

Origin, chemdraw, matlab, blender, 3ds max

---

Asana

---

zoom

---

ClickUp

---

Goodnotes

---

MATLAB, vs code

---

R Studio, Jupyter Notebooks

---

Rhino, AutoCAD, Revit

---

Matlab

---

WhatsApp

---

Canva

---

Whatsapp

---

SPSS, R

---

Notion

---

Onedrive

---

iMessage

---

zoom

---

Notion

---

Canva

---

Notion

---

Todoist

---

Notion

---

AutoCAD, Rhino

---

WhatsApp

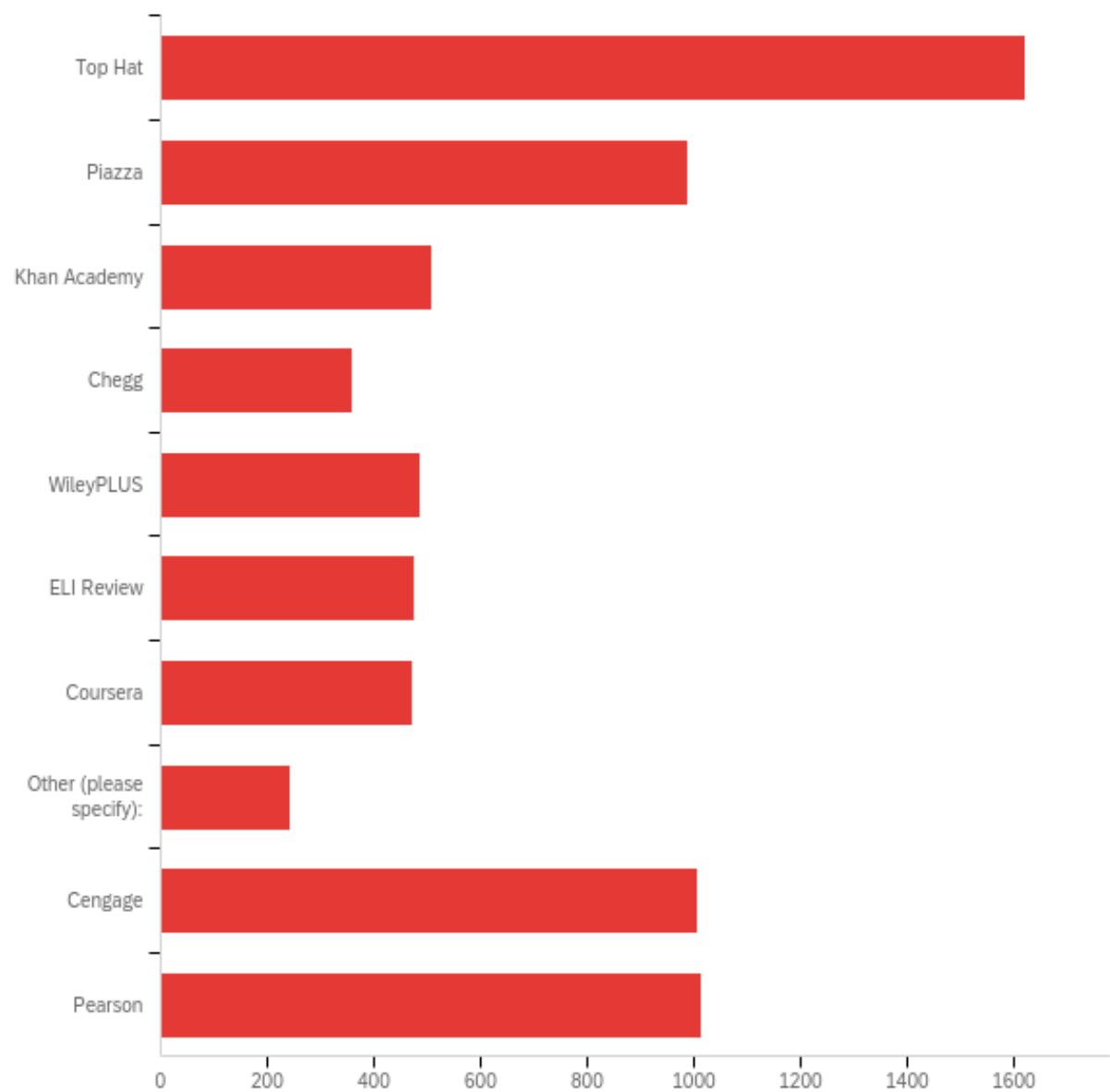
---

Whatsapp

---

Whatsapp

Q26 - Which academic website have you signed up for during your academic career at UB? (Select all that apply.)



#	Answer	%	Count
1	Top Hat	22.62%	1620
2	Piazza	13.81%	989
3	Khan Academy	7.08%	507
4	Chegg	4.98%	357
5	WileyPLUS	6.80%	487

6	ELI Review	6.62%	474
7	Coursera	6.59%	472
8	Other (please specify):	3.35%	240
10	Cengage	14.02%	1004
11	Pearson	14.14%	1013
	Total	100%	7163

### Q19\_8\_TEXT - Other (please specify):

Other (please specify): - Text

Norton Textbooks

Acheive

PackBack

google scholar; chatgpt

udemy

TRU Way ASL, Labster.

Achieve

Dental school bootcamp

No

Non

None

Inquizative

web assign

????

Quimbee

Quizlet plus

Don't know yet

lingrolearning

None

Have not started classes yet but I am familiar with these sites



Quimbee

Codio

Udemy

Noodletools

Webassign

none

Nothing

NA

Norton InQuizitive

LinkedIn Learning, ESRI

kami

iClicker

Udemy

BrightSpace

Na

Quizlet

Blink Learning

MacMillan

Achieve

geeksforgeeks, leetcode

achieve, iclicker

Macmillan Achieve

Perusall

Achieve, Connect, iClicker

iClicker, Achieve

Amboss, bootcamp, scholarrx

Mc Graw Hill

none

achieve

Nature, Elsevier

InQuizitive

webassign

I think it was called McGraw Hill for Organic Chemistry

Zybooks

MacMillan Learning / Achieve

No

None

None

None

Udemy

Academia, ResearchGate, YouTube for software tutorials

mybusinesscourse

LexisNexis; WestLaw Academic

None

USMLErx

Kanopy, Cengage

lingrolearning

Elsa, Duolingo , canvas, Edpuzzle, etc.

Kritik, zotero

Nothing

None

none

does PubMed count

Uworld

Gartner

Kritik

Quizlet

None

Mylab

None

Webassign

Acheive, labflow

I do not understand this question.

Codio

N/A

Inquizitive (Norton)

youtube

N/A

connect

none

Quimbee

youtube/tiktok

Codio, gradescope

Achieve

LingroLearning

Udemy

Mcgraw Hill Connect

Not sure if this counts, but I sign up for research resources via the library (i.e., Wall Street Journal, HathiTrust).

StockTrak

Connect

Inquisitive

Achieve and labflow

Quizlet

labflow, achieve

Achieve

Zybook

none

Codio

Codecademy (C++, SQL) - simple and free

Harvard Course Pack

BlinkLearning, Webwork

The Organic Chemistry Tutor on YouTube

Achieve

N/A

None

mybusinesscourse

None

NA

amboss, uworld

Perusall

Inquisitive

Udemy, LinkedIn learning

none

Wolter Klutz

Leetcode

MacMillan and labflow

Geeksforgeeks, leetcode

NA

Gartner

Achieve

N/A

Codio

None

DAT Bootcamp

Labflow

Macmillan (for chem)

Achieve, LabFlow

Evolve elsevier, Master clinician, Simucase

Perusall

iClicker

InQuizitive

labflow

None of the above

Quimbee

Achieve, Labflow

Kritik

N/a

Grammarly

Kritik

Noodle Tools citation

Codio

None

Norton/Inquizitive

none

Quizlet

NA

sciencedirect

MentiMeter

None

none

lingro learning

Macmillanlearning

ATI

None as of now

None of these

Quimbee

NA

Codio

WebWork

EDX

not signed up

To be honest You tube has almost every content to study. I use Youtube thr most

tryexponent

Codio

Achieve

UWorld

EndNote

Labflow

Law School: Casebook Connnect, West Academic E books

bookshare

Udemy

Macmillan

Achieve

Mcgraw hill

GitHub

None of these

Achieve

Kritik

Achieve

Codio

McGraw Connect

Udemy, Leetcode

iClicker

GradeScope

perusall

None

Macmillan and IClicker

Achieve

None of them

YouTube is the real MVP

LabFlow, InQuisitive

Perusall

None

N.A.

Maximillian

none

Sketchy, Bootcamp med,

Data Camp, EdX

Codio

None

Achieve, Inquizitive

None

none

Udemy

iClicker

Achieve

Connect

Exam soft

West Academic

Udemy

ResearchGate

None

N/a

None

GradeScope

None: I don't know we could have access to some with our UB profile

Exemplify

Quimbee

none

None

Norton

---

None

---

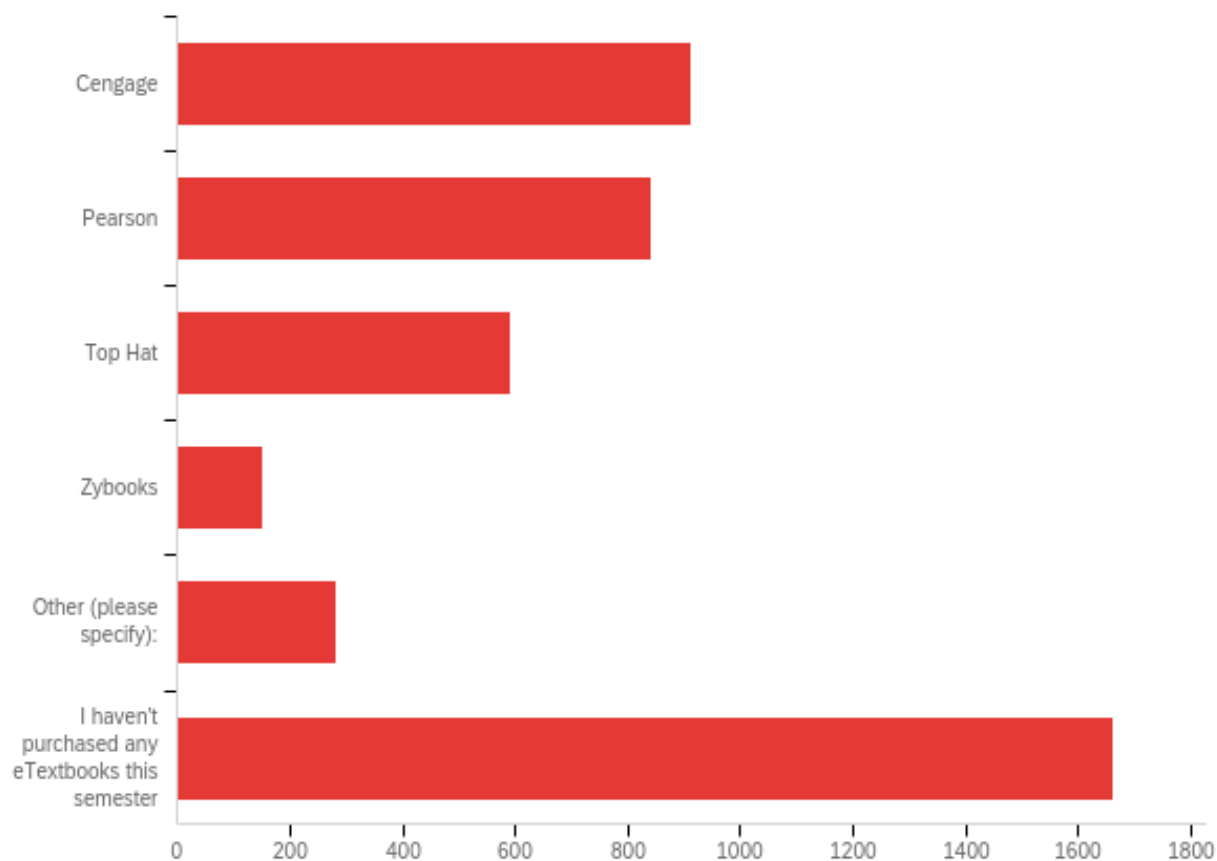
W. W. Norton

---

Macmillan



Q27 - For the Fall 2023 semester, which of the following brands of eTextbooks have you had to purchase? (Select all that apply.)



#	Answer	%	Count
1	Cengage	20.55%	912
2	Pearson	18.95%	841
3	Top Hat	13.34%	592
4	Zybooks	3.40%	151
5	Other (please specify):	6.31%	280
6	I haven't purchased any eTextbooks this semester	37.46%	1663
	Total	100%	4439

Q20\_5\_TEXT - Other (please specify):

Other (please specify): - Text

VHL Learning

lippincott

ati

Macmillan

Don't know the brands

Mcgraw hill

Vlews

I use lexis digital learning textbooks and casebook connect

a professors specific workbook that they wrote

redshelf, macmillian

Achieve

Achieve

Flatworld

Vitalsource Bookshelf

Jones and Bartlett

Jider Shop

True Way

West Academic

ByteWire

Redshelf

Amazon

there was a link, dont remember from what

lingrolearning

Have not started classes yet but I am familiar with these sites

Achieve

West Academic

Bookshelf

amazon kindle cloud

Webassign

Norton

---

Ati

---

Eli review and connect

---

mcgraw hill

---

achieve and norton (eco182 and soc101)

---

lippincott

---

WW Norton

---

MyBusiness Course

---

Blink Learning

---

Kindle

---

achieve

---

Elsevier ebook

---

chegg

---

Achieve

---

Achieve

---

Macmillan

---

Achieve

---

Achieve

---

MacMillan

---

Psychology 101 book

---

McGraw

---

Norton publishers, Kindle

---

webassign

---

I haven't purchased any eTextbooks but have free access to the ones needed for my major through the UB Library and Access Pharmacy

---

MacMillan Learning / Achieve

---

Genuinely no idea. I got it off the kindle store

---

Macmillian

---

Webassign

---

Macmillon

---

achieve

Brytespace

Norton books

Acheive

brytewave

Connect

Writing for health sciences for Bonk. Google e-book.

I did have to buy an E-book from Springer for research purposes

Amazon kindle app

None

WileyPLUS

redshelf

Norton field guide

macmillian

norton review

VitalSource

McGraw Hill

Macmillan achieve

Elsevier, Wolters-Kluwer

Achieve

the library

Norton

WileyPlus

MacMillan

Mcgraw Hill

Achieve

Norton

vital souce

Macmillan, wiley

I had to purchase a few books, but I do not understand the termonology mention above.

Mcgrill

MacMillan Achieve

---

I finished my major in 3 years and am currently taking pathway/internship courses

---

Inquizitive norton

---

wwnorton

---

MyBusinessCourse

---

Lippincott

---

Connect for Anatomy

---

connect

---

Norton

---

McGraw Hill Connect

---

CasebookConnect

---

Eli review

---

acheive

---

Achieve

---

Perusall

---

LingroLearning (Contraseña)

---

Amazon

---

mybusiness course, AIS on textbook media

---

Flatworlds

---

Flatworlds

---

Mcgraw Hill Connect

---

I don't remember

---

Tornasol

---

Harvard

---

BlinkLearning

---

WWNorton

---

Achieve

---

Archive

---

Achieve

---

Macmillan

Wiley

---

MacMillan/Achieve and Norton

---

Everyones and author and 2 other e textbooks

---

McGraw Hill, myBusinessCourse, Harvard Business School

---

MacMillan Learning (Achieve)

---

McGraw Hill

---

McGraw Hill

---

Professor Made Textbooks

---

McGraw Hill

---

macmillian

---

I have found a few free e-versions of required textbooks.

---

Mybusinesscourse

---

Klett World Languages

---

WileyPLUS

---

I'll be a textbook purchasing fool, come the Winter Term.

---

Barnes and Noble ebook

---

Norton: Views

---

MacMillan

---

Norton Online

---

McGraw Hill, mybusinesscourse

---

McGraw Hill

---

Wiley

---

harvard business

---

Achive Chem E-book

---

BVT Publishing

---

Norton

---

Wolter; ATI

---

Views

---

Macmillan

---

McGraw Hill

Inquizitave

---

PayPal a professor for his ebook

---

Redshelf

---

Connect

---

Inquisitive

---

Aspen, west academic

---

Hayden-McNeil

---

Achieve

---

Views 3e

---

Achieve macmillan etexbook for chemistry

---

iClicker

---

W.W Norton & Company

---

Access Pharmacy

---

Arihant

---

Gordis epidemiology

---

VHL, Acheive

---

eli review

---

Achieve

---

norton , bookshelf

---

norton

---

Eli Review, Nortan, Achieve

---

MacMillan

---

In oerson

---

Vital Source and Red Shelf

---

Norton

---

Achieve

---

O'Reilly, Packt

---

McGrawHill

---

Achieve

---

Access Pharmacy

wileyplus

---

Views

---

perusall

---

mcgraw hill, lingro learning

---

macmillan

---

McGraw Hill Connect

---

Achieve

---

Coursepoint

---

Norton views

---

labflow and Achieve

---

McGraw Hill

---

amazon

---

W.W. Norton

---

Norton

---

inquizitive and bookshelf

---

Achieve

---

Redshelf

---

Macmillian

---

I don't know

---

I was unable to buy any e text books because those are expensive. I used to buy used hard copies.

---

McMillan

---

nortron

---

Macmillan

---

Macmillan unfortunately

---

Macmillan

---

macmillan

---

Perusall

---

Aspen Casebook, West Academic

---

McGrawHill

---

Macmillian



Achieve

McMillan Learning: Achieve Course

Vital Source

Labflow

n/a

Macmillian

Achieve 😊

Achieve

Macmillan

Kindle

Views

McGraw Connect

Amazon/Kindle

Macmillan

BIO 200 MANUAL

McGraw Hill

Macmillan

Achieve

Amazon

Achieve

Amazon

Amazon Kindle / UB Bookstore

none

Lippincott

Mybusinesscourse

Macmillan

macmillian

Achieve Macmillan

MacMillan

McGrawhill

McGraw Hill Connect

---

Achieve

---

Achieve / macmillian

---

Archieve

---

Achieve

---

WestAcademic (Law School)

---

Norton, wiley plus

---

Achieve

---

Amazon, UB Library

---

W.W. Norton Company

---

Please discontinue Cengage. Openstax's content is of higher quality, and it's free as well, allowing students of all financial backgrounds to learn.

---

McGraw Hill connect

---

Views for English class on a site that I don't remember the name of.

---

mybusinesscourse

---

Norton

---

Vitalsource

---

Foundation Press

---

Mcgraw hill

---

Wiley, Hayden McNeil

---

Macmillan

---

redshelf

---

Rented through Amazon, not sure of brand

---

McGraw Hill Connect

---

Wiley

---

Flatworld and Norton

---

Kindle

---

Spanish supersite

---

My course doesn't require any text books. All the material is provided to us.

---

Intro to stat and prob

---

Macmillan

Macmillan

---

Barnes & Noble

---

W. W Norton, MacMillan, Labflow

---

Achieve

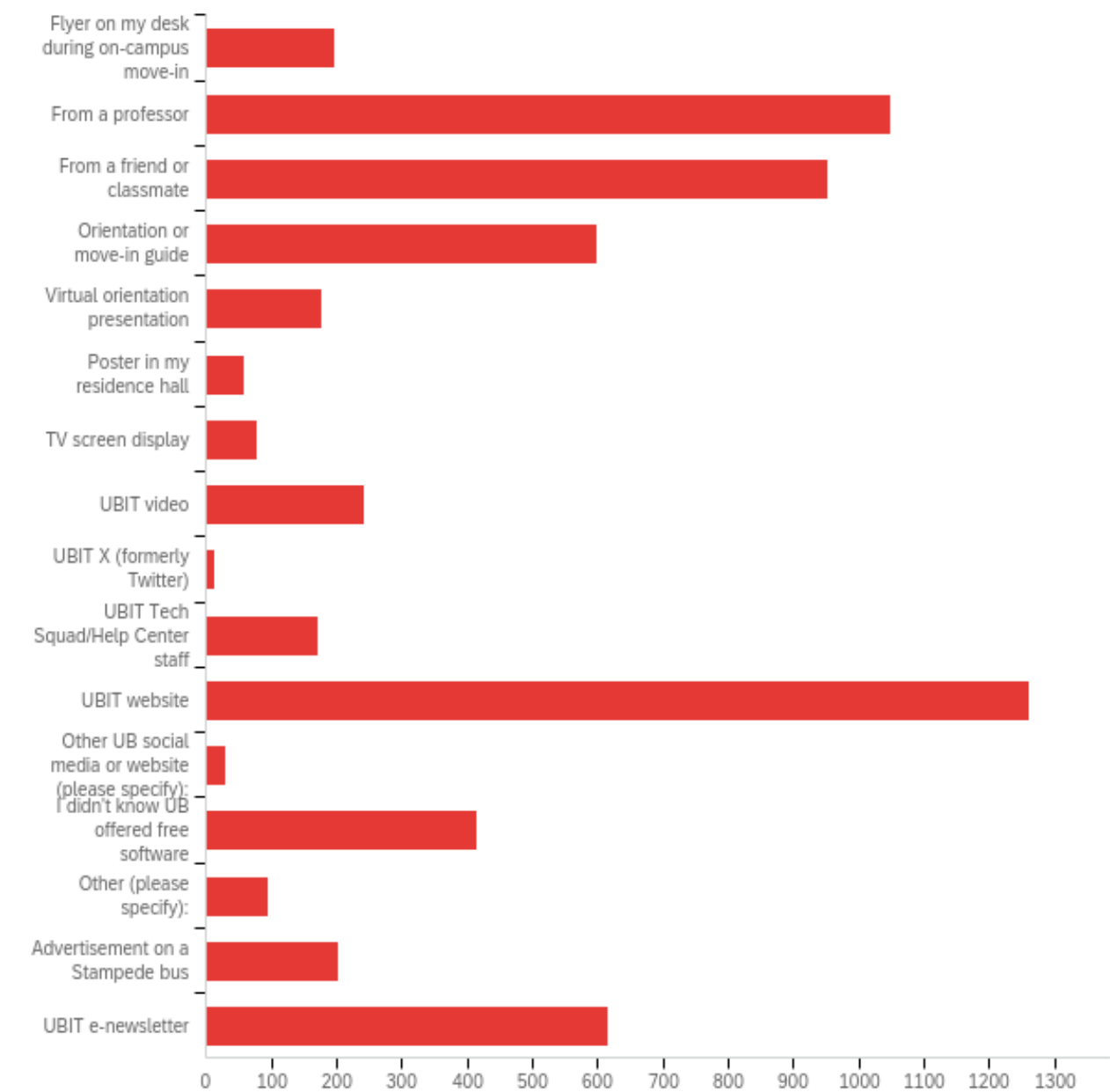
---

macmillan

---

Macmillan

**Q28 - 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	3.21%	198
2	From a professor	17.02%	1048
3	From a friend or classmate	15.47%	953
4	Orientation or move-in guide	9.73%	599

5	Virtual orientation presentation	2.86%	176
6	Poster in my residence hall	0.94%	58
7	TV screen display	1.28%	79
8	UBIT video	3.91%	241
9	UBIT X (formerly Twitter)	0.21%	13
10	UBIT Tech Squad/Help Center staff	2.79%	172
11	UBIT website	20.47%	1261
12	Other UB social media or website (please specify):	0.50%	31
13	I didn't know UB offered free software	6.74%	415
14	Other (please specify):	1.56%	96
15	Advertisement on a Stampede bus	3.28%	202
16	UBIT e-newsletter	10.02%	617
	Total	100%	6159

## Q21\_12\_TEXT - Other UB social media or website (please specify):

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

Twitter

Based on my experiences at other campuses.

UB reddit

had to sort this out myself

insta

had to use it for homework

Instagram

UB Spectrum

Web search

ub accounts like ubstudentlife or the official ub account

emails sent to students

Msw students face book

Emails from UB

instagram

---

MYUB free website page

---

I found it out by myself.

---

UBIT website

---

It just worked

---

I have known about it

---

UB website

---

Instagram

---

Instagram pages of UB Student Ambassadors

---

## Q21\_14\_TEXT - Other (please specify):

Other (please specify): - Text

---

Searched it up.

---

I assumed it would be available

---

By just clicking around and exploring

---

All universities offer this

---

google search

---

i guessed

---

I assumed UB offered free software.

---

I assumed

---

Mostly by myself except ubbox which was during orientation

---

Posters around campus (not in residence hall)

---

I am also an adjunct instructor.

---

All my classes posted word docs and my computer took them in and asked me to sign in and I tried my UB login and it worked

---

Google search

---

Searched for them (went to Buff State for undergrad)

---

I received an email about the free software through Outlook email.

---

Evolutionary Biology TA in my lab

---

already assumed UB had this

---

From previous colleges

---

They were just downloaded on my computer so I used them. And I had to use them for school anyways.

---

ArcGIS from the Library

---

My mother, who works in UBIT

---

Professor freshman year

---

I guessed?

---

I bought Microsoft Office before coming to UB and learned that it was free to UB students.

---

My RA!!!!!!

---

Assumption

---

I assumed they would

---

I am aware that all universities offer free software.

---

Just figured

---

I just stumbled upon it

---

I researched on my own

---

I'm a grad student. My undergrad school had discount/free programs so I assumed UB would, too

---

google

---

out of necessity

---

I was previously aware about Microsoft student accounts and just tried to sign in and it worked?

---

Family

---

I Googled "Free software UB" my first week.

---

I knew about schools offering Microsoft office for free when I was in undergrad at a different institution

---

I guess I'd say I learned about it 2 ways: they automatically pop up when I sign in to email etc. And from other students: when other students share a document with me on OneDrive, I see it is automatically saved to my OneDrive (which I previously didnt know existed)

---

standard issue software.

---

Just assumed that UB offered the service. It would be baffling if UB didn't offer them.

---

Campus Tour

---

Knew universities typically offered this

---

What, precisely, is UBIT X?

---

Every institute has this

---

I figured my UB Email would work with Microsoft for logging into a Microsoft account for MS Office.

I just had it automatically on my computer

I google searched it

Signing up for them and realizing they were free lol

Myself

Laptop Loan Login

From the Social Work department

Most colleges have them so I assumed UB did too

My Dad

from undergrad

Figured it out myself

I assumed the university might offer it for free and googled it

Googling and working as UBIT Staff

I usually use G-suite

I was already familiar with Office 365, and assumed that Buffalo offered it for free.

I looked it up myself

Had it at my undergraduate institution so I figured UB had to have it

I just expected software from the start

I don't remember. Website surfing, maybe?

I Googled it

my previous college had them so I assumed UB had them as well

I don't remember. Generally clicking around websites?

I signed in to word with my UB credentials and it worked

myself

The accessibility office

From a senior

Just by using and exploring

My Older Brother

Looked it up myself

Looked it up myself

Co-worker



I was curious if UB offered it and looked it up online myself.

---

Working for Res Life

---

From my seniors

---

I signed up for Microsoft office applications with my UB email and found out about the free software

---

i sort of just learned of it from exploring my email and then going through all the things that came with it.

---

Browsing the UB website

---

Assumption

---

I just googled it, duh?

---

I looked it up

---

I already knew from my undergrad studies at UB

---

I looked it up

---

Browsing the UB Website

---

Discovered by myself

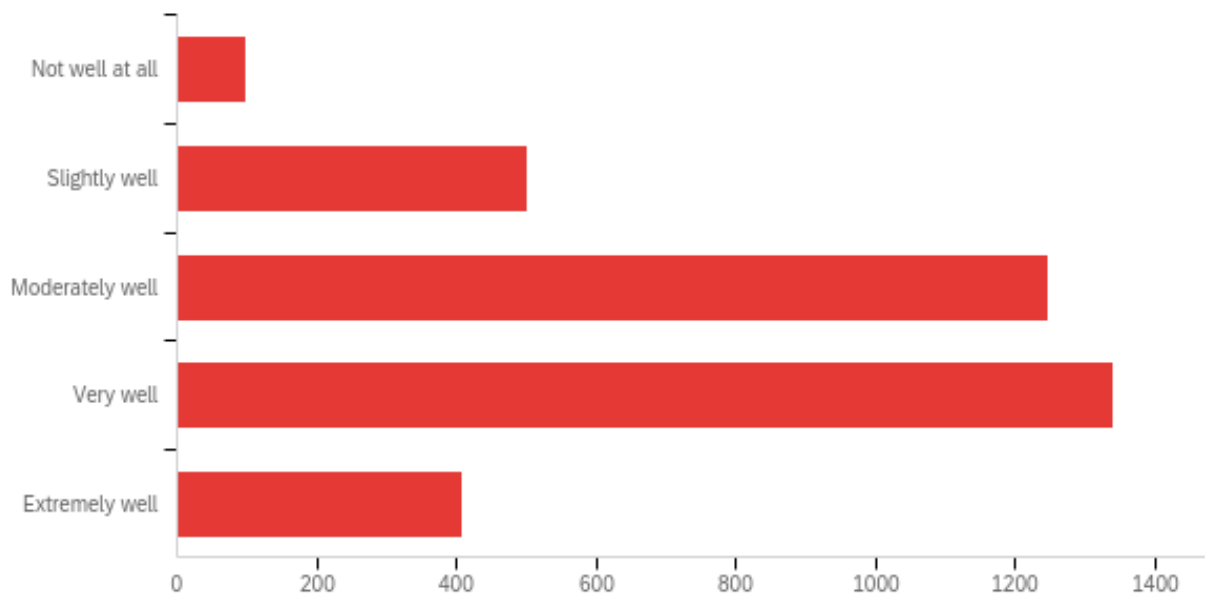
---

Someone told me

---

I don't remember.

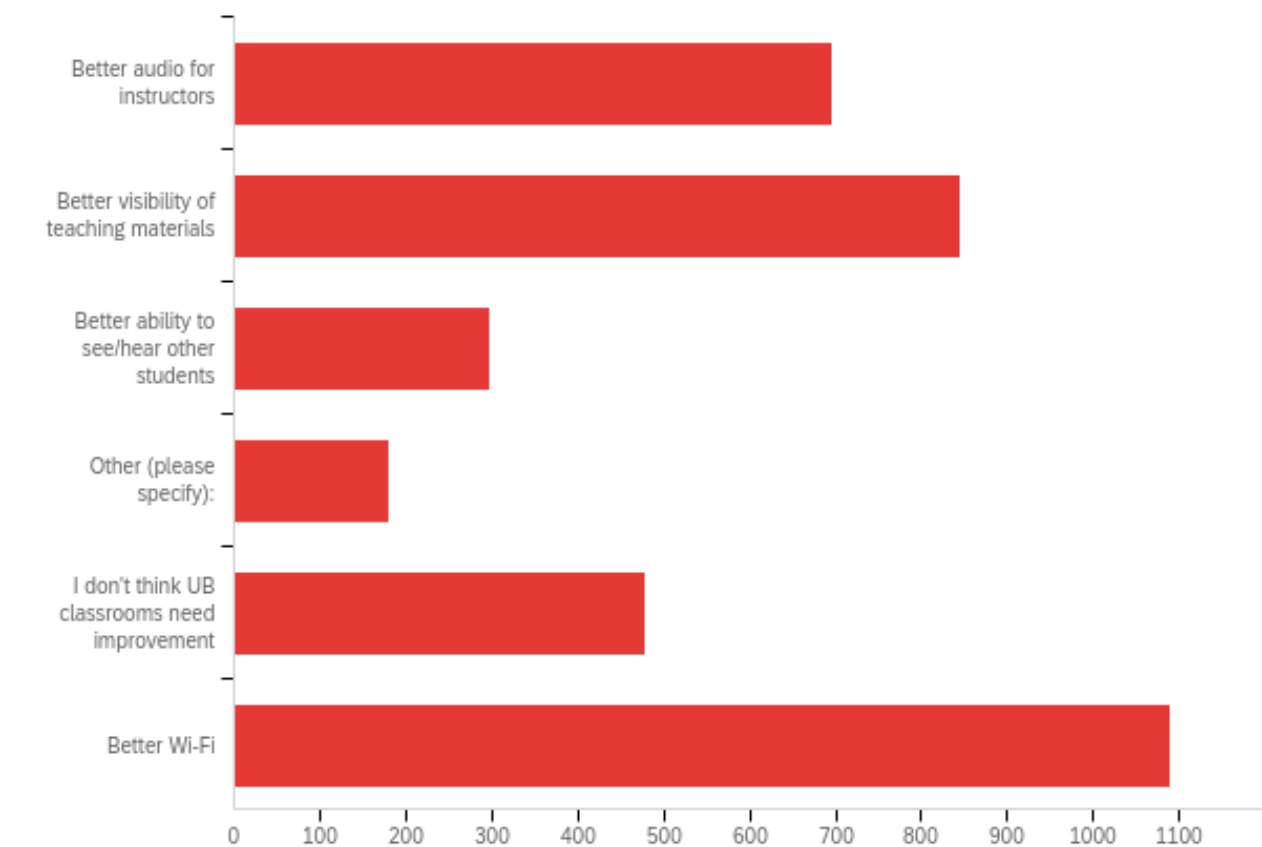
Q29 - How well does the technology in UB classrooms assist in your learning?



#	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	3.41	0.95	0.91	3593

#	Answer	%	Count
1	Not well at all	2.73%	98
2	Slightly well	13.92%	500
3	Moderately well	34.71%	1247
4	Very well	37.29%	1340
5	Extremely well	11.36%	408
	Total	100%	3593

Q30 - What technology improvement would you most like to see in UB classrooms?



#	Field	Minimum	Maximum	Mean	Std Deviation	Variance	Count
1	What technology improvement would you most like to see in UB classrooms? - Selected Choice	1.00	6.00	3.60	1.99	3.97	3588

#	Answer	%	Count
1	Better audio for instructors	19.43%	697
2	Better visibility of teaching materials	23.55%	845
3	Better ability to see/hear other students	8.31%	298
4	Other (please specify):	4.99%	179
5	I don't think UB classrooms need improvement	13.35%	479
6	Better Wi-Fi	30.38%	1090

## Q23\_4\_TEXT - Other (please specify):

Other (please specify): - Text

More user friendly, use of back buttons, no excessive clicking to find your documents

better access to smartboards

Classrooms not in central scheduling are usually pretty outdated like those in Fronczak

Smart Whiteboard

More detailed instructions after applying those new technologies. Some professors struggle with those.

More consistent and staff accessible video recording

no log in for aobe suite evrytime i log in / faster computers, current desktops in computer lab are hella slow and i didnt pay 16k for such PCs

Too many of the same assignments can be linked in different places on Bright space

I am an online student. In class lectures, I always had a hard time hearing and following instructors.

Some classrooms don't have power outlets near the student desks. In bigger classrooms there should be a system to hear other students answer better.

free textbooks

better visibility/audio when they record for zoom/panopto

Teaching software that requires no payment on the student's behalf

Consistent recording of lectures. Frequently lectures are not recorded when they are supposed to be at the medical school

record the lessons to review for later classes

Better homework reminders

Make instructors louder

I would say all of the above + helping professors transfer material easily from Blackboard

more electrical outlet at computer stations for other devices and a second PC or Laptop

Better connectivity of laptop to screen in some classrooms

Not Applicable

All of the above

A poster for quick operation of the devices if they are unfamiliar to you.

I have virtual classes

Outlets in more classrooms, like those in O'Brien

---

Make sure the clocks are set right. Also having enough batteries/ charging for the microphones

---

Get rid of brightspace. It is awful, impossible to stay organized, and grading.communication systems often disappear or are impossible to track. Professors all use it differently and poorly as well.

---

remote online student, haven't used classrooms at all

---

better,wifi because it lags sometimes, better visibility for course work add screen in lecture hall, better audio for student when ansring question, teahch professor how to use the tech in classroom

---

UB's own software for taking notes

---

The projector sometimes are out of focus making it hard to see for people who wear glasses

---

Availability of plug in outlets for each student so they can charge and use their laptop or electronic device

---

Doesn't apply to me

---

Newer technology to bolster the use of learning materials.

---

Use of more blind-friendly technology

---

Stop using Zoom as it has horrible privacy standards

---

The microphones don't work

---

More audio-book options, I would love if Brightspace had an option to read passages that are uploaded by the professor

---

Better accessibility features (subtitles for videos, zoom features, etc)

---

Affordability. Remove any programs that charge.

---

All of the above

---

I am not in classrooms

---

I'm off campus

---

An interactive polling system that is free for students and instructors

---

If we can make it mandatory to record almost every class. That would be great. And to make sure people attend, they can put attendance policies. Also, we need to hear other students questions

---

Could use all of these improvements to be honest

---

Outlets

---

NA

---

ability to use the microphones in the classrooms

---

Recordings

---

Better accessibility/availability of working outlets in classrooms

---

Better captioning on classroom recordings

---

Lecture recordings made accessible to everyone

battery packs for professors often run out of batteries mid class - if they don't change them then the recording of class has no audio

---

More outlets in lectures; none of my classes have accessible outlets

---

Fine turning of Panopto cameras to show the screen or presenter rather than moving around to follow any movement during the lecture

---

Wireless microphone coupled with area mics

---

All of the above

---

N/A

---

I attend fully online so don't attend classrooms physically.

---

Better Accustic. Because od hard srface the signals resounds. In big theratrical halls signl dampers are needed.

---

Ability to zoom on the boards, when the professor is writing on them

---

Professors that teach in big lecture halls need equipment that can be heard by all students but also that allow students to give feedback. Desks with microphones or something for effective teaching

---

Please go back to UB Blackboard, UB Brightspace is a nightmare to navigate as a student and as a TA (I'm sure as a professor also).

---

The student microphones in our lecture halls at the school of medicine don't work!

---

Recording capability and quality in all classes

---

Better way to record the lectures, there some student like me who wants to go home and reflect on what they learnt in a difficult class like Calculus. My professor goes so fast that we barely can keep up with the materials, we cant even jot the whole question down, i wish the lectures where recorded, it doesnt do anthing but helps the students in my perspective .

---

Better Wi-Fi, better audio, and a chat box on the side of some lecture halls so if the professor doesn't see the student with their hand up they can ask it there

---

I want recordings for all m lectures in all classes

---

more outlets, better wifi

---

More charging desks on south campus

---

subscriptions to Datacamp or Coursera

---

Better document sharing/ notetaking apps

---

This is a small, weird thing, but the cords which attach a personal device to the projector are often inconveniently short. Everything else works great.

---

The actual facility

---

I'd like more legroom between seats. Some lecture halls have seats that can't open without hitting the other person's legs.

---

Probably just teaching professors how to use the projectors. They always have some issue with them. Maybe they need to be more uniform?

---

For baldy to have a little more room in the smaller classes

---

Updating more classrooms to be technologically advanced as NSC.

---

More outlets for charging devices

N/A online student

---

Room on desks for tech

---

online student

---

I am a virtual student and do not visit campus

---

All 3 options above

---

have technology used more

---

Not paying that much for TopHat

---

None of my professors have podiums. They cannot see the smartboards that slides are on. It causes constant disruptions to the class. If you give an instructor a smart board give them a podium so they can see whats going on. They constantly turn their back to the class and say "wheres my cursor i cant see anything."

---

I think a lot of classrooms need more outlets so that students can charge their devices during class.

---

Better projector

---

Make recording the lectures normal

---

Warmer climate control especially in NSC

---

Recorded lectures that I could back to

---

smaller class sizes in rooms or larger classrooms, dry erase markers

---

Instructors able to be listened to, via headphones, and on-screen (with and without closed captions.

---

More outlets for students to use during class for laptops/devices, especially in the smaller classrooms where the only outlets are located in the front of the room or away from the seating.

---

need more wall outlets

---

For some (not all) classrooms, better ability to charge a device. While I don't have a laptop, if my phone needs to be charged, it's difficult in some classes to find an outlet for it. I also used to have a laptop that I used at the beginning of the semester, but it suddenly broke without me doing anything to it and I don't know why. When my laptop was working, however, it was difficult in some classrooms to find an outlet if it wasn't a lecture hall with an outlet built into the table/desk.

---

More power outlets!

---

Easier connections/accessibility

---

More/larger chalk boards and whiteboards

---

Good classrooms

---

1) Live Recording Setup for Online Classes.

---

Mostly everything is fine.

---

Better Wifi In certain classrooms(mostly large lecture halls in NSC)

---

Brightspace - download materials to iPad (Goodnotes) as we were able to do easily on blackboard

---

VR Headset classrooms

dual screens

---

Not every lecture hall has the mics at the student's desk

---

Update older equipment

---

Would prefer different homework/etextbook services for students

---

I am an online student

---

Making sure all the classes are recorded in real time & then uploaded.

---

Give adobe for free

---

UBIT PONAPTO VIDEO RECORDING FOR EVERY CLASS

---

Updating seating in some of the smaller classrooms.

---

I would like to be able to make Panopto content downloadable at least in order to review when not connected to internet

---

Ad-free Youtube (for professors)

---

Some of the desks dont have working electricity to charge devices (norton)

---

Would be better to know of all the UB tools and free softwares in advance.

---

Easier AV connection for the professor

---

GO BACK TO BLACKBOARD

---

Recordings for all classes regardless if attendance is required or not

---

Chairs

---

Flipped classroom learning

---

Better slides from the professors.

---

Hold classes in classrooms which have the ability to record lectures. Whats the point of us paying so much if we can't use a 100% of the facilities provided to us

---

The lighting in many rooms is tough on the eyes

---

some subtitles on projector

---

better chairs in lab rooms

---

better cameras that can capture writings on board

---

required recordings

---

option to record class lectures in all rooms , example Clemens all rooms.

---

Better microphones in recorded lectures.

---

Not use bright space

---

The projectors in my classes are undermaintained. I hope they can be regularly checked up and improved

---

Projectors in Hayes Hall are not bright or vibrant enough as they are on north campus



I mean better audio isn't needed, just making it easier for them to use it. Watching older professors struggle gets old real quick.

---

Option to connect earbuds to professors microphone for disability/accessable services

---

More interactive tools like kahoot etc

---

Glare on screens

---

Professors actively writing notes in class to be viewed on projectors. NOT reading from a PowerPoint.

---

More power outlets

---

Working microphones in lecture hall

---

Better captions

---

More charging port availability in desk style class rooms (not talking about lecture halls)

---

More decentralization

---

I want recordings of classes so that I can use it later for my studies

---

less students in class. So, that interaction with professors will be easy during class

---

Better and cleaner chairs.

---

More outlets for student laptops/devices - I have a hard time seeing the board and need my laptop but often do not have an outlet available

---

In class recording, access to materials written on the board during the lecture will be great

---

More charging outlets in class rooms when assigning classes of programming which definitely requires use of laptop.

---

Everyone using the same system

---

You desperately need to improve in all of these areas.

---

Recorded lectures in all rooms

---

Better projector connections in some classrooms

---

more emphasis on 3D physical examples.

---

networking changes so the classrooms are usable after a power outage.

---

Smart board so professors can work on the board and everyone can see their work on the projector

---

Better knowledge of how to use equipment

---

Better/Faster wifi, as well as ensuring outlets are working. Ratio of outlets to classroom size is at a deficit. Better seating would be awesome.

---

Not sure if this counts, but I'd like for more outlets in some classrooms, like in Cooke/Hochstetter.

---

All of the above suggestions

---

A lot of teachers just aren't good teachers sadly

---

need more chargin stations in class rooms

Recording of lecture and mics in all classrooms

---

More extensive application of tech resources by faculty

---

I don't believe any thing but the desks need to be improved

---

n/a I am in an online program

---

All of these; audio doesn't work properly in half the classrooms in clemens

---

Apple pencil-like devices for instructors to write efficiently in real time on projected slides

---

Make programs more widely accessible on public computers (PSS, Rstudio, etc.)

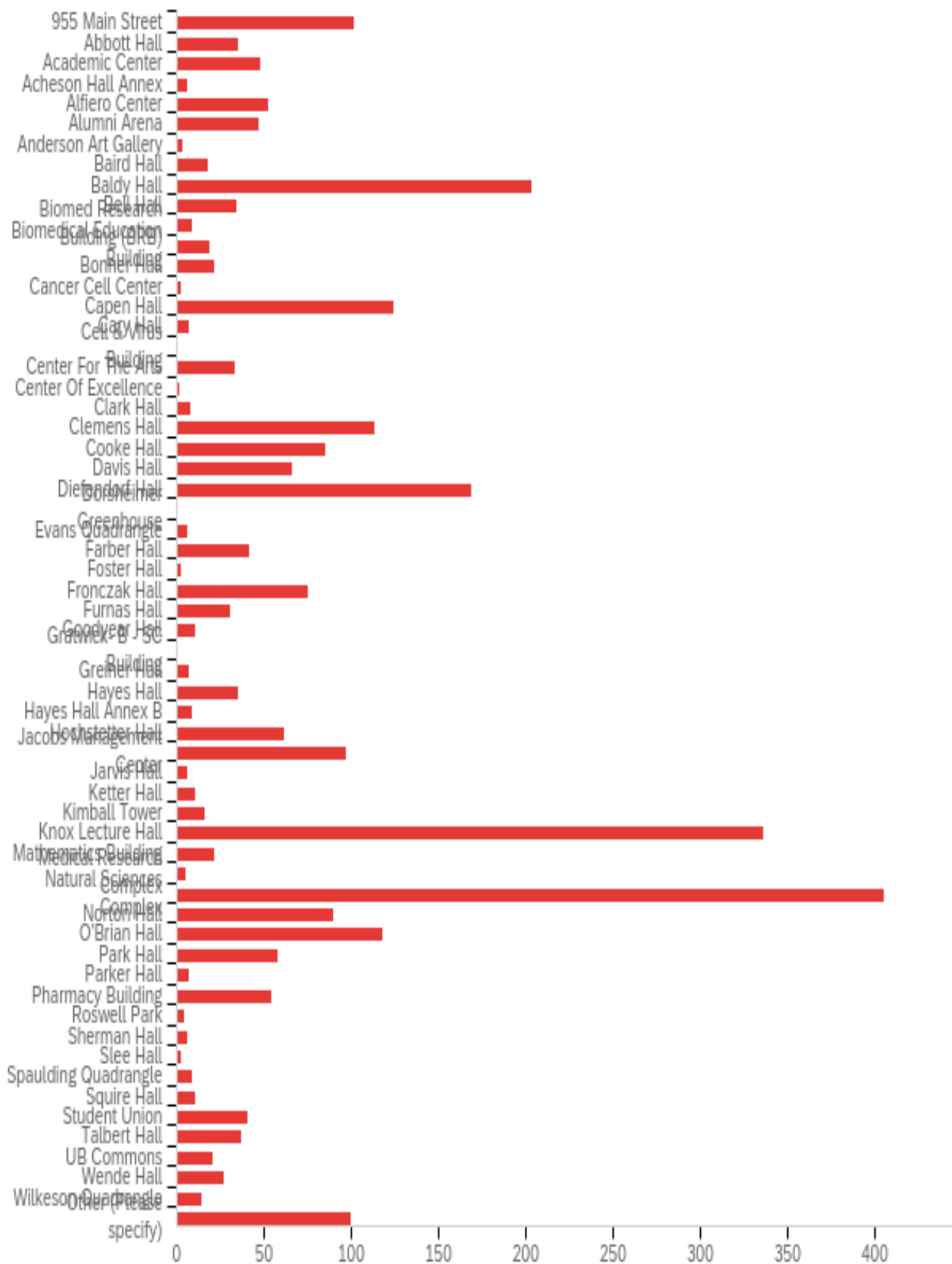
---

we need more outlets in classrooms- we are all required to have computers but we often cant all plug them in

---

Better captions for videos.

**Q31 - Regarding your answers to the previous question, please select the building where you would most like to see improvements in the classroom(s)?**



#	Field	Minimum	Maximum	Mean	Std Deviation	Variance	Count
1	Regarding your answers to the previous question, please select the building where you would most like to see improvements in the classroom(s)? - Selected Choice	4.00	63.00	34.36	16.62	276.27	2972

#	Answer	%	Count
4	955 Main Street	3.40%	101
5	Abbott Hall	1.18%	35
6	Academic Center	1.62%	48
7	Acheson Hall Annex	0.20%	6
8	Alfiero Center	1.75%	52
9	Alumni Arena	1.58%	47
10	Anderson Art Gallery	0.10%	3
11	Baird Hall	0.61%	18
12	Baldy Hall	6.83%	203
13	Bell Hall	1.14%	34
14	Biomed Research Building (BRB)	0.30%	9
15	Biomedical Education Building	0.64%	19
16	Bonner Hall	0.71%	21
17	Cancer Cell Center	0.07%	2
18	Capen Hall	4.17%	124
19	Cary Hall	0.24%	7
20	Cell & Virus Building	0.00%	0
21	Center For The Arts	1.11%	33
22	Center Of Excellence	0.03%	1
23	Clark Hall	0.27%	8
24	Clemens Hall	3.80%	113

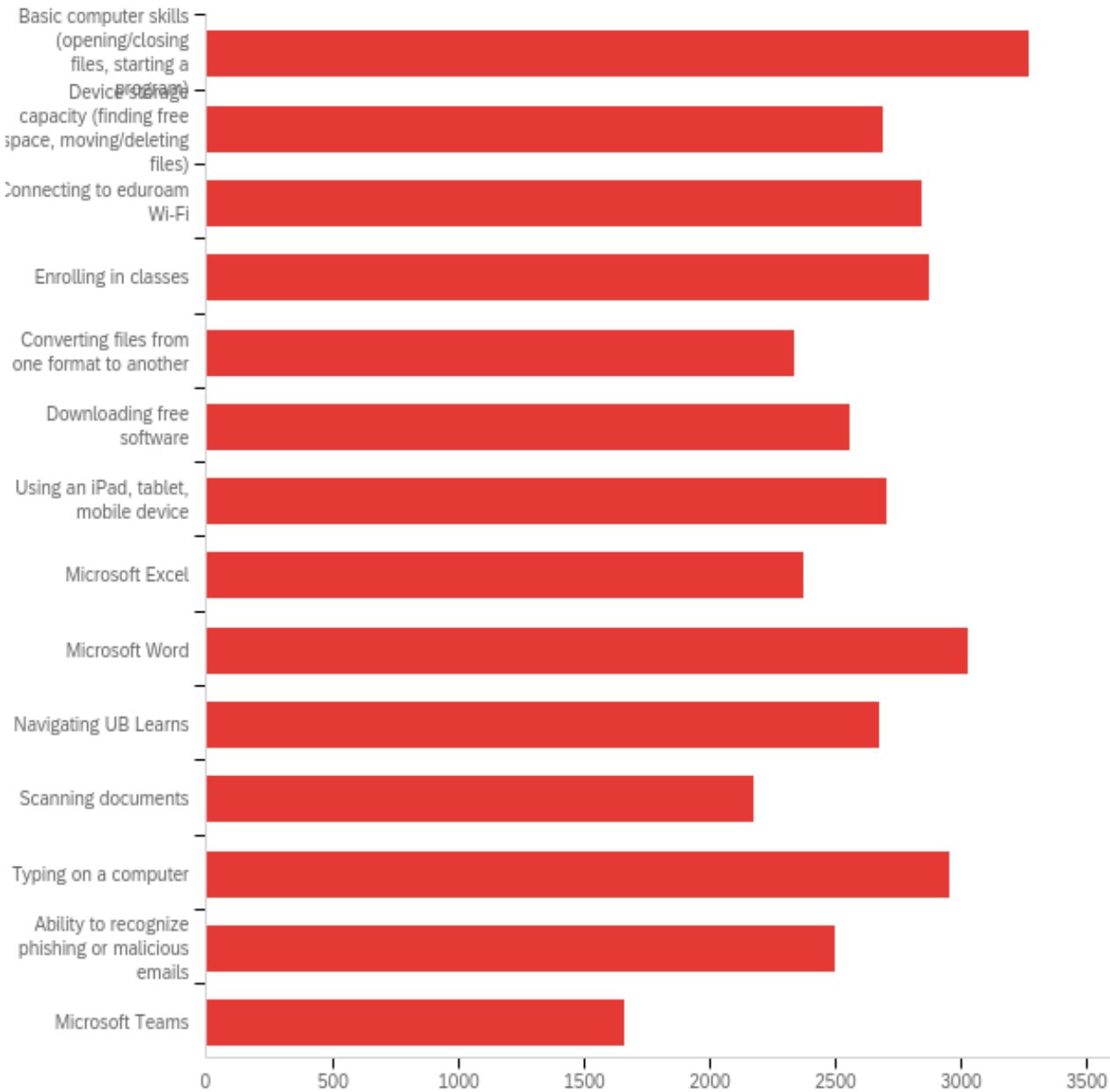
25	Cooke Hall	2.86%	85
26	Davis Hall	2.22%	66
27	Diefendorf Hall	5.69%	169
28	Dorsheimer Greenhouse	0.00%	0
29	Evans Quadrangle	0.20%	6
30	Farber Hall	1.38%	41
31	Foster Hall	0.07%	2
32	Fronczak Hall	2.52%	75
33	Furnas Hall	1.01%	30
34	Goodyear Hall	0.34%	10
35	Gratwick- B - SC Building	0.00%	0
36	Greiner Hall	0.24%	7
37	Hayes Hall	1.18%	35
38	Hayes Hall Annex B	0.30%	9
39	Hochstetter Hall	2.05%	61
40	Jacobs Management Center	3.26%	97
41	Jarvis Hall	0.20%	6
42	Ketter Hall	0.34%	10
43	Kimball Tower	0.54%	16
44	Knox Lecture Hall	11.31%	336
45	Mathematics Building	0.71%	21
46	Medical Research Complex	0.17%	5
47	Natural Sciences Complex	13.63%	405
48	Norton Hall	3.03%	90
49	O'Brian Hall	3.97%	118
50	Park Hall	1.95%	58
51	Parker Hall	0.24%	7
52	Pharmacy Building	1.82%	54
53	Roswell Park	0.13%	4
54	Sherman Hall	0.20%	6

55	Slee Hall	0.07%	2
56	Spaulding Quadrangle	0.30%	9
57	Squire Hall	0.34%	10
58	Student Union	1.35%	40
59	Talbert Hall	1.24%	37
60	UB Commons	0.67%	20
61	Wende Hall	0.91%	27
62	Wilkeson Quadrangle	0.47%	14
63	Other (Please specify)	3.36%	100
	Total	100%	2972

Q31\_63\_TEXT - Other (Please specify)

Other (Please specify) - Text

**Q32 - In which of the following computer-related areas do you feel confident in your abilities? (Select all that apply.)**

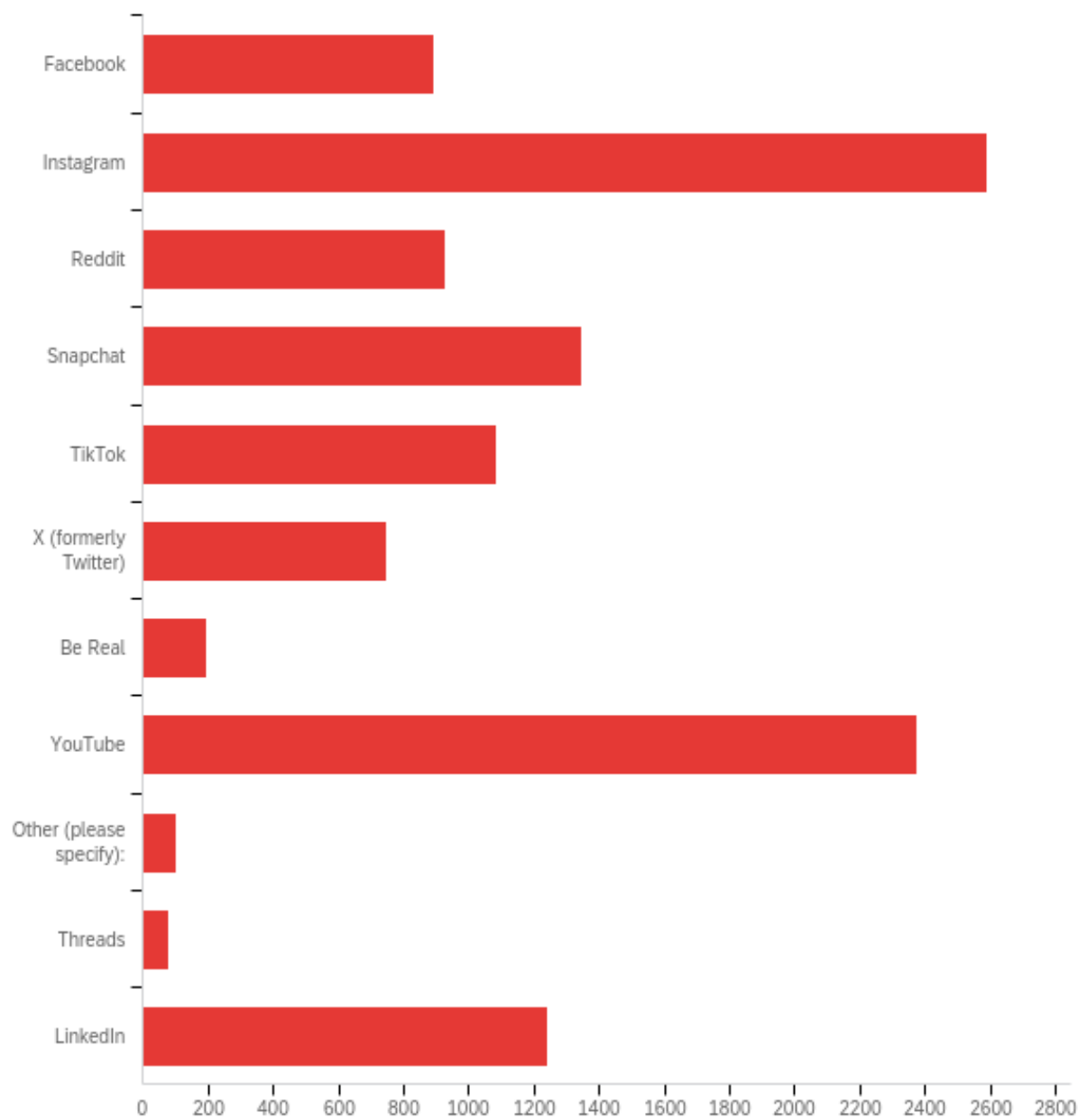


#	Answer	%	Count
1	Basic computer skills (opening/closing files, starting a program)	8.92%	3275
2	Device storage capacity (finding free space, moving/deleting files)	7.35%	2696
3	Connecting to eduroam Wi-Fi	7.77%	2850
4	Enrolling in classes	7.83%	2875

5	Converting files from one format to another	6.38%	2341
6	Downloading free software	6.98%	2561
7	Using an iPad, tablet, mobile device	7.38%	2707
8	Microsoft Excel	6.48%	2378
9	Microsoft Word	8.26%	3030
10	Navigating UB Learns	7.31%	2683
11	Scanning documents	5.94%	2180
12	Typing on a computer	8.05%	2956
13	Ability to recognize phishing or malicious emails	6.81%	2500
14	Microsoft Teams	4.54%	1668
	Total	100%	36700



Q33 - What social media platforms do you utilize most frequently? (Select all that apply.)



#	Answer	%	Count
1	Facebook	7.68%	890
2	Instagram	22.36%	2590
3	Reddit	8.02%	929
4	Snapchat	11.60%	1344
5	TikTok	9.37%	1086

6	X (formerly Twitter)	6.47%	749
7	Be Real	1.69%	196
8	YouTube	20.52%	2377
9	Other (please specify):	0.86%	100
10	Threads	0.69%	80
11	LinkedIn	10.74%	1244
	Total	100%	11585

## Q26\_9\_TEXT - Other (please specify):

Other (please specify): - Text

Discord

I don't use social media

Kakao talk

no

Imgur

Wechat

none

I am chronically online so I have every popular app

I don't use social media

Discord

i don't use social media.

Rumble, and Telegram

discord

Discord

bilibili

Discord

tumblr

Handshake

tik tok

discord

WhatsApp

wechat

Bluesky

Pinterest

Stop calling X "(Formerly Twitter)" please it only keeps it relevant and it shouldn't be

Discord

Discord

WhatsApp

None

None

Pixiv, furaffinity, deviant art

Whatsapp

Mastodon

discord

WeChat

None

n/a

Discord

tumblr

I do not use them

WhatsApp

pinterest

Telegram

N/A

Post

Tumblr (yes, in 2023)

Don't use social media much. Use YouTube just for music to help sleep at night.

I don't use social media

UB could utilize more video editors. Once a video is on youtube it runs 24/7. Valuable for recruitment. Hiring outside video editors with a business development professional would result in an astronomical ROI for the university. YouTube gets BILLIONS of users every day. The 2nd largest search engine behind Google

Discord, and Patreon.

Twitch, Discord

WeChat

Whatsapp

RED(小红书) and DouYin(抖音)

Whatsapp

Discord

Goodreads

Discord

Tumblr

discord

WeChat

Wechat

Discord

discord

Bluesky

Discord

Discord

Strava

Netflix

Discord

discord

Discord

Discord

I do not use social media due to New York's policy of using it to infringe upon civil rights

Discord

Discord

wechat

Discord

Discord

Peach

Spotify

Discord

Discord

Whatsapp

pinterest

Discord

Handshake

Discord

Discord

Discord, Twitch

Discord

Discord

Bluesky, Discord, Steam

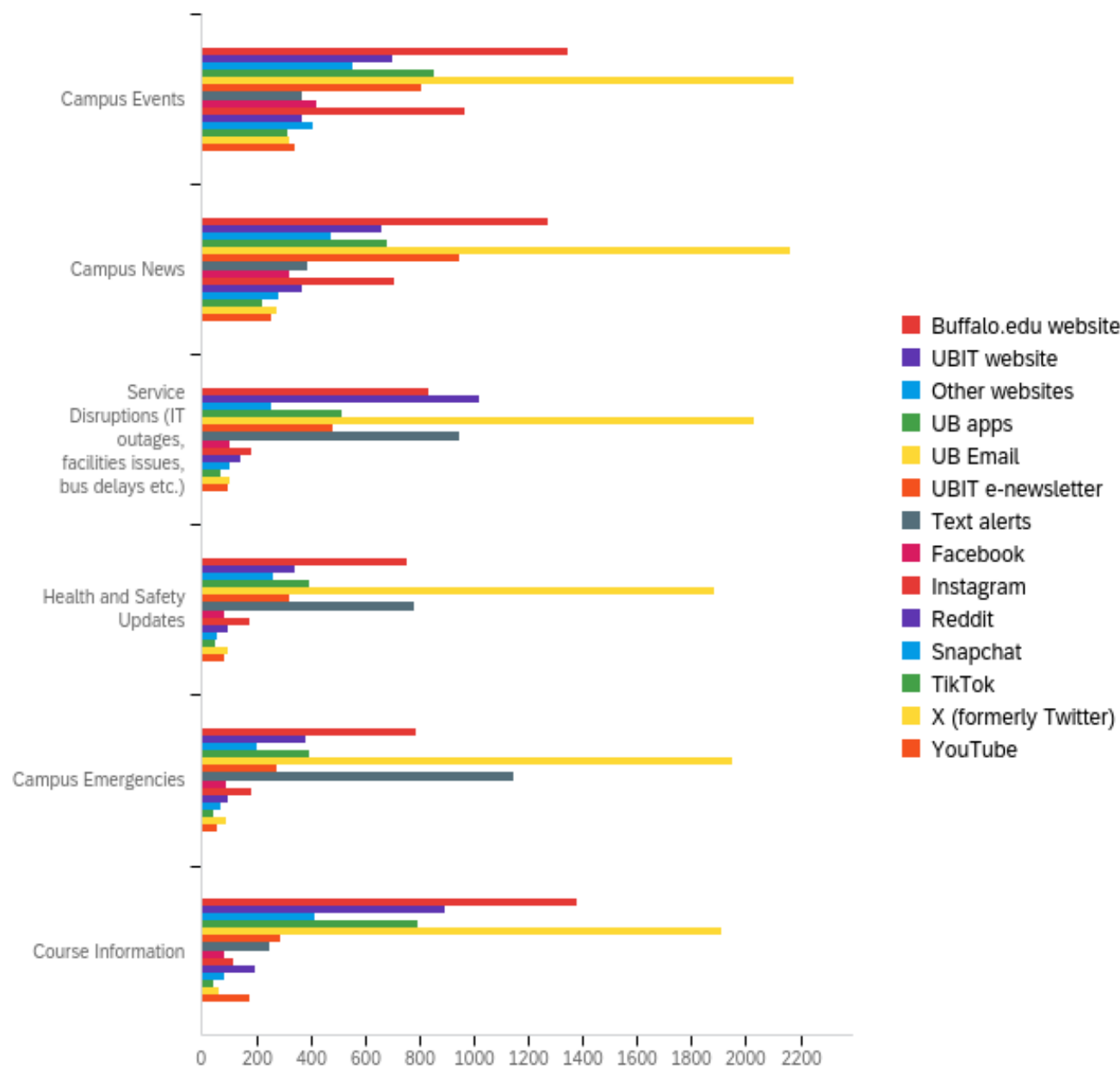
Discord

Discord

None

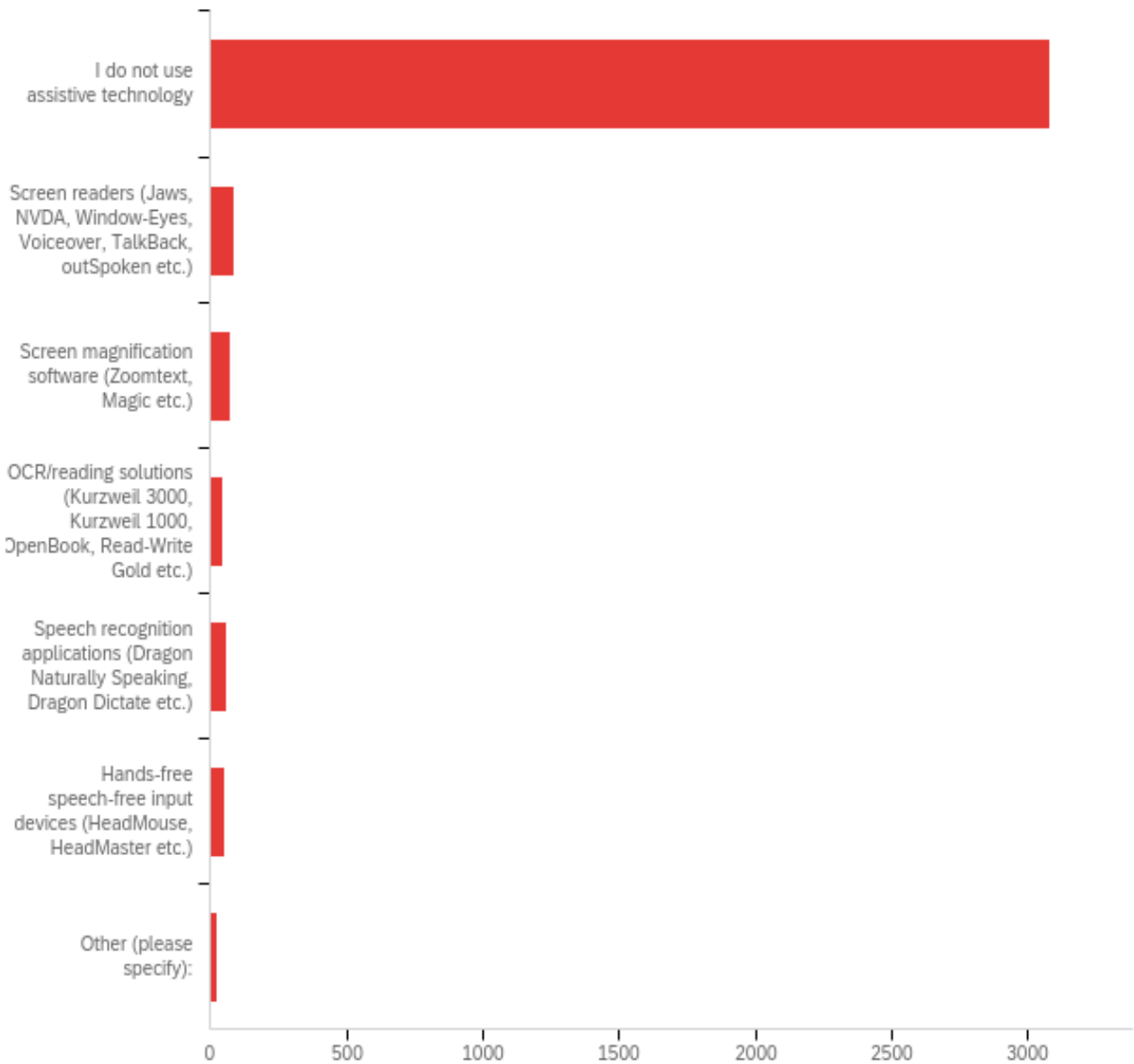
none

Q34 - What platforms do you rely on to get the following types of UB news and updates?  
(Select all that apply for each category.)



#	Question	Campus Events		Campus News		Service Disruptions (IT outages, facilities issues, bus delays etc.)		Health and Safety Updates		Campus Emergencies		Course Information		Total
1	Buffalo.edu website	21.12%	1345	19.96%	1271	13.05%	831	11.87%	756	12.33%	785	21.68%	1381	6369
2	UBIT website	17.51%	702	16.49%	661	25.52%	1023	8.56%	343	9.58%	384	22.35%	896	4009
3	Other websites	25.72%	556	21.92%	474	11.84%	256	12.21%	264	9.25%	200	19.06%	412	2162
4	UB apps	23.44%	852	18.79%	683	14.14%	514	10.89%	396	10.84%	394	21.90%	796	3635
5	UB Email	17.97%	2177	17.86%	2164	16.75%	2030	15.52%	1881	16.10%	1951	15.79%	1913	12116
6	UBIT e-newsletter	25.73%	804	30.37%	949	15.36%	480	10.40%	325	8.90%	278	9.25%	289	3125
7	Text alerts	9.47%	368	10.06%	391	24.38%	947	20.18%	784	29.58%	1149	6.33%	246	3885
8	Facebook	38.52%	423	29.60%	325	9.20%	101	7.38%	81	7.92%	87	7.38%	81	1098
9	Instagram	41.30%	964	30.33%	708	7.84%	183	7.67%	179	7.75%	181	5.10%	119	2334
10	Reddit	28.94%	367	28.86%	366	11.28%	143	7.73%	98	7.65%	97	15.54%	197	1268
11	Snapchat	40.54%	407	28.39%	285	10.16%	102	5.78%	58	7.17%	72	7.97%	80	1004
12	TikTok	42.19%	316	29.37%	220	9.61%	72	6.94%	52	5.87%	44	6.01%	45	749
13	X (formerly Twitter)	34.14%	324	28.98%	275	11.06%	105	10.01%	95	9.27%	88	6.53%	62	949
14	YouTube	33.90%	339	25.50%	255	9.70%	97	8.00%	80	5.40%	54	17.50%	175	1000

**Q35 - What assistive technology do you use, if any? Assistive technology is technology that maintains or improves functional capabilities for people with disabilities. (Select all that apply.)**



#	Answer	%	Count
1	I do not use assistive technology	90.19%	3081
2	Screen readers (Jaws, NVDA, Window-Eyes, Voiceover, TalkBack, outSpoken etc.)	2.58%	88
3	Screen magnification software (Zoomtext, Magic etc.)	2.05%	70
4	OCR/reading solutions (Kurzweil 3000, Kurzweil 1000, OpenBook, Read-Write Gold etc.)	1.26%	43



5	Speech recognition applications (Dragon Naturally Speaking, Dragon Dictate etc.)	1.70%	58
6	Hands-free speech-free input devices (HeadMouse, HeadMaster etc.)	1.43%	49
7	Other (please specify):	0.79%	27
	Total	100%	3416

## Q28\_7\_TEXT - Other (please specify):

Other (please specify): - Text

Glean

Glean and Echo pen

Glean

Glean

reMarkable to convert my handwriting to text and to annotate PDFs

Glean an scribe pen

glean

Glean (note taking software)

live recording/playback linked to written/typed information/notes

Mostly captioned or hard of hearing/Deaf friendly programs and softwares

Glean Notetaking

read and write

Recorders

Glean

Equatio

multiple screens

I would use but they all are quite difficult

Read&write but it's not great.

word, read and write

Glean

Glean

**Q37 - 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
N/A
no
Nope
It is a note-taking software so none of these are really applicable
No
no
No
Nope
no
N/A
I would recode some of our loveliest UB sites and would do it for free in a heartbeat just to make them more accessible, and easier to follow through as lots of click-through links just begin in a new tab or part of the site and have loads of empty text.
No
Material needed to use the assistive technology such as PDFs and presentations not given or incorrectly posted prior to class.
no
no
No as of yet
The elevators in O'Brien are not ADA compliant wheelchair accessible. They are too narrow. I don't use the wheelchair tho.
No
no
No
Much of the assistive technology does not fully work (Read & Write) forcing reliance on web-based assistive tech (microsoft edge).
NO
No

N/A

---

No

---

NA

---

NA

---

some of my readings for class have needed effort to work

---

Could use a better TTS I find I am often doing a lot of work to convert text so that it can be read clearly.

---

No

---

No issues

---

nope

---

No

---

My course requirements for my JD never show up on UBHub when im selecting classes for the next semester

---

Na

---

I have not

---

No

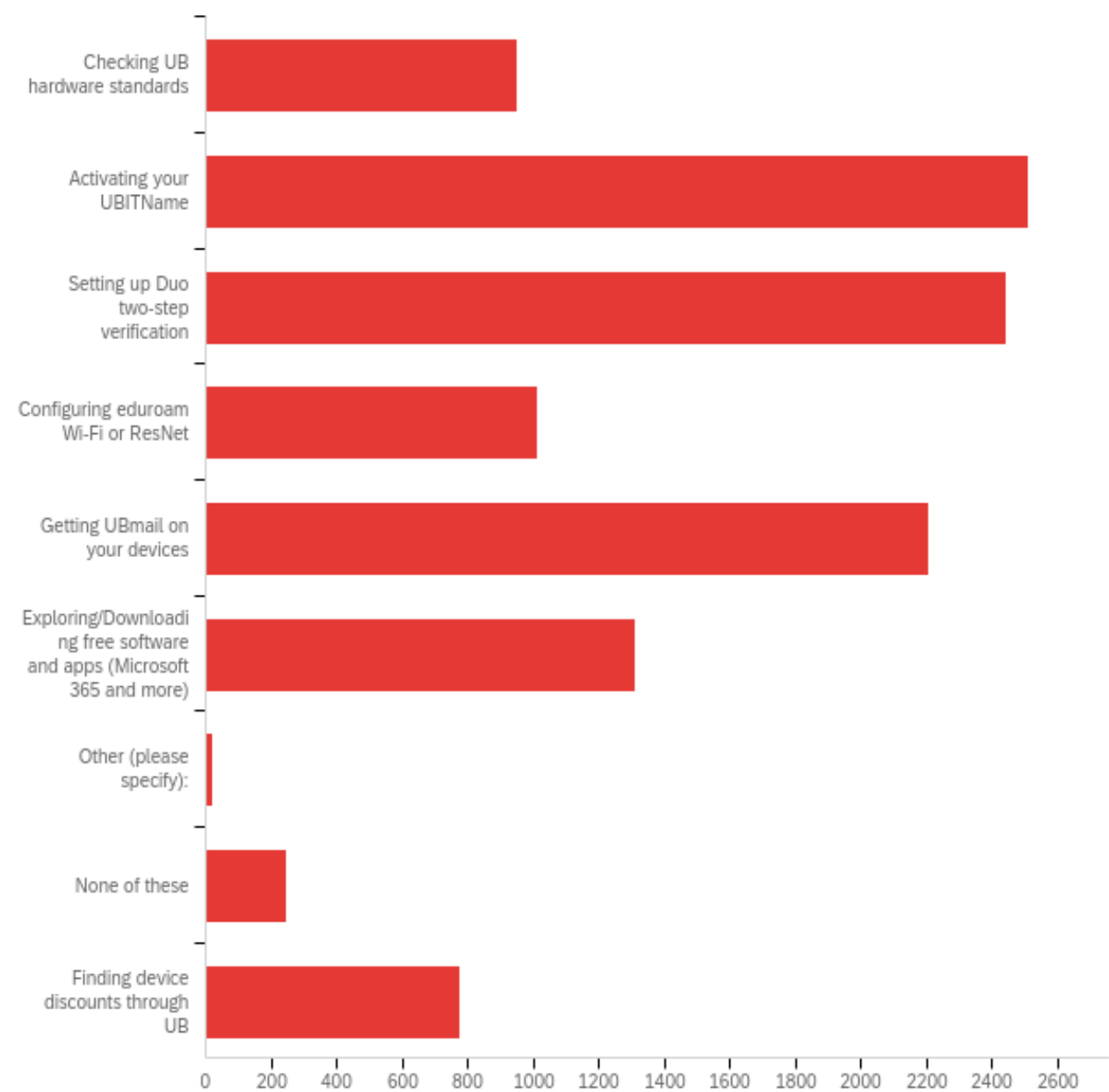
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Not much

---

Nope

Q38 - What technology information did you learn about before arriving on campus?  
(Select all that apply.)



#	Answer	%	Count
1	Checking UB hardware standards	8.27%	950
2	Activating your UBITName	21.87%	2512
3	Setting up Duo two-step verification	21.30%	2447
4	Configuring eduroam Wi-Fi or ResNet	8.81%	1012

5	Getting UBmail on your devices	19.24%	2210
6	Exploring/Downloading free software and apps (Microsoft 365 and more)	11.43%	1313
7	Other (please specify):	0.19%	22
8	None of these	2.16%	248
10	Finding device discounts through UB	6.73%	773
	Total	100%	11487

### Q31\_7\_TEXT - Other (please specify):

Other (please specify): - Text

I started undergrad in 2011 so I really don't remember

Off campus student

I have been attending before Duo

again, still haven't "arrived on campus" as a online student

Use of software and JAWS and Kertzweil 1000

PC/laptop only for UBmail

Access to UBUnix.

n/a

I am a virtual student only. I have not been to the campus

What does "arriving on campus" mean for Covid. I started at UB during Covid. Is this referring "arriving to campus" referring to the start of the semester or physically setting foot on campus.

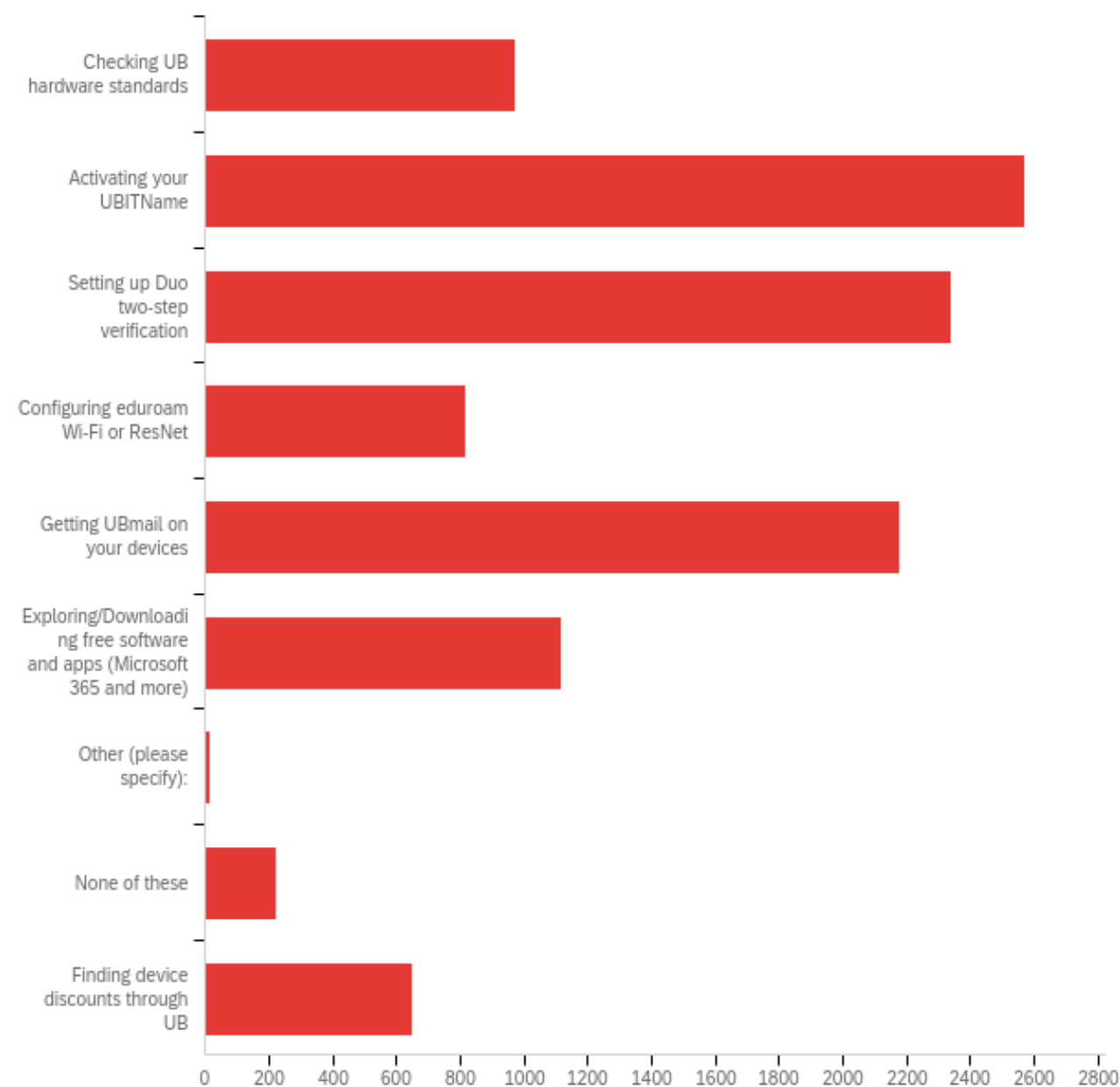
Don't remember

Using UB learns and UB mobile

Making school ID photo

before this semester, I already knew about these services due to prior graduate semesters, and attending UB for undergrad

Q39 - What technology steps did you complete before arriving on campus? (Select all that apply.)



#	Answer	%	Count
1	Checking UB hardware standards	8.92%	970
2	Activating your UBITName	23.65%	2571
3	Setting up Duo two-step verification	21.50%	2338
4	Configuring eduroam Wi-Fi or ResNet	7.49%	814

5	Getting UBmail on your devices	20.02%	2177
6	Exploring/Downloading free software and apps (Microsoft 365 and more)	10.26%	1115
7	Other (please specify):	0.13%	14
8	None of these	2.06%	224
10	Finding device discounts through UB	5.97%	649
	Total	100%	10872

### Q32\_7\_TEXT - Other (please specify):

Other (please specify): - Text

Same as previous response

I am not on campus.

Use of software and JAWS and Kertzweil 1000

PC/Laptop only for UBmail

I arrived in 2016 most of these things came online or changed significantly since

Na

n/a

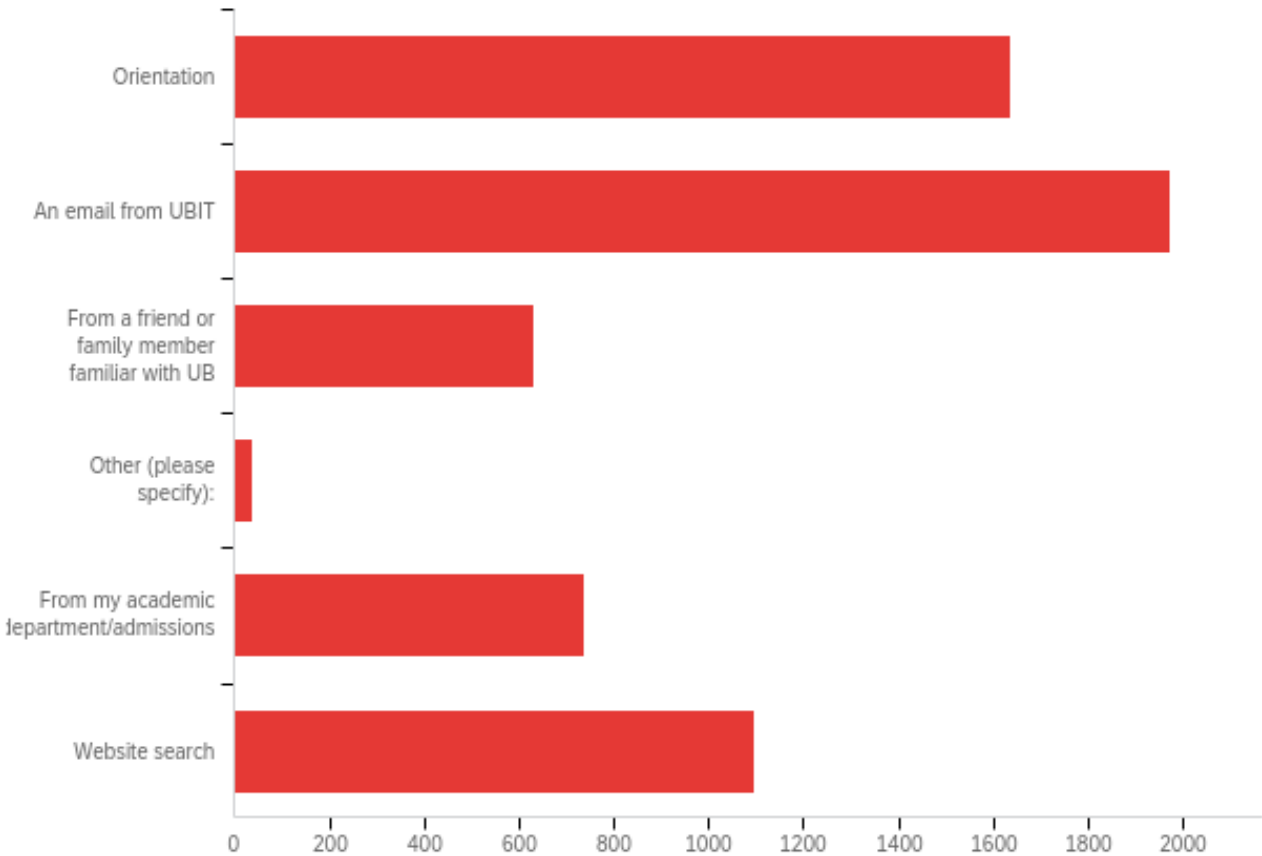
Orientation.

Laptop loan

I don't live on campus

Setting up UB ID photo

Q40 - Where did you learn about UB technology information before arriving on campus?  
(Select all that apply.)



#	Answer	%	Count
1	Orientation	26.81%	1637
2	An email from UBIT	32.31%	1973
3	From a friend or family member familiar with UB	10.32%	630
4	Other (please specify):	0.59%	36
5	From my academic department/admissions	12.07%	737
6	Website search	17.91%	1094
	Total	100%	6107

Q33\_4\_TEXT - Other (please specify):



Other (please specify): - Text

No one

Previous college

N/A didn't hear a peep about this

I've been here a long time

none

I did not

I don't remember

Transferred from down south so I had duo installed automatically then a classmate on the first day helped

Walking around

Eop

EOP program

piece of paper

Covid year so we found everything out via UB Websites or through current UB students mainly RAs

EOP

n/a

your ..." So I followed those steps. I called the mail number for campus when I had a problem, asked to be connected to technical help, and the operator probably sent me to UBIT. rar, saying: "go here for more info on setting up i As I needed access to emails, etc

Generation Honors

None

3 Time Previous Student

SONIT dept

A phonecall to UBIT staff

I had to figure it out myself

Website when i was setting up Duo

Part of intro materials or something

Other students in my lab

Myself

I learnt it on my own

Previously from my undergrad at UB

Doing stuff as I was required or recommended during registration

## Q41 - 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?

NO

no

Tiered technology fees. It seems that students in online graduate programs supplement services provided on campus to students. I'd love to see my print allotment as a tech fee rebate. More maker spaces available on campus.

Not at this time, microsoft suite is the most utilized on my laptop and covers my needs at this time

Technology that shows how many empty spaces are available in a parking lot. Trying to park at North campus is a most frustrating day ruiner

Yes. the device for AR and VR for the library.

My power point slides in bright space keeps jamming and unable to open up class weekly presentation! I need help w that

A specification of which virus blocker we can use.

wifi pls

I know my message will not be seen or bothered but with a small hope I'm trying all the problems I faced. 1. Transportation frequency during vacations. 2. And more part time options. I haven't been offered a part-time in my entire course work and it made me so difficult to handle my expenses as an international student. I don't have an SSN too.

I do use Adobe to edit, sign, and print PDFs. While I can use it to do these things in the free version, it does prompt constantly for a subscription and I will have to fight with it sometimes because it will mislead you into thinking you need the paid version. So possibly that.

Yes, I would appreciate UB providing laptops to international architecture students to work on in campus. I recently started getting problems with my laptop.

laptops

Widely used academic access, such as ieee, ACM

The Silverman pcs are terrible, only good services are the Macs and the monitors.

Better internet speed

add printers in kimball tower

PLEASE let us have access to classroom projectors and microphones. It's extremely frustrating that we need a TA or a professor to allow us to use the projectors because they're passcode protected. I don't understand why students can't access them. We shouldn't have to book it or go through someone else to have access to this. We're paying so much for it. It's crazy.

Not really

No

Just better wifi

None that I can think of they have been nothing but amazing to me!!

---

na

---

I would like if ub would give students laptops to those who do not have one. Even if the pc is crappy.

---

Access to few more teaching websites like Udemy and others

---

faster computers top configuration laptops on loan for architecture students for rendering softwares printing and plotting from personal laptop, helping students set it up on their laptops

---

please include the Adobe software in the UBIT free software system, really need it!

---

Better services for conferences and recordings for exclusively online programs.

---

No

---

Not particularly

---

I think VR and microphones for students in large classrooms would be GREAT.

---

I would like a specific service focused on video games as it's now a very popular esport and is a great stress reliever for students.

---

No

---

I would like to see higher end public computers. I feel the ones now are not used because they lack in certain capabilities that most modern laptops offer.

---

:)

---

Pretty good I'd say. Haven't had much of a problem and when I did, tech support is pretty quick.

---

Just fix the Wi-Fi. Please.

---

More working public PC stations.

---

Plese remove TopHat from the UB curriculum. It always glitches and does not provide accurate grades especially with extra credit. Also, improve the Wi-Fi.

---

adobe apps like photoshop

---

No

---

Not that I can think of

---

N/A

---

I would like to see better utilization of bright space. It is a hell of a program and I feel that many classes are not using it to it's full potential. Or maybe move to a different program with better integrations with programs like Panopto, Cengage, or even Pearson. All I want is to be able to more easily access my school materials without having to find them like I've lost my wedding ring in the ocean.

---

Printing could be cheaper.

---

Adobe as a free program download, more free assistive program downloads without needing an accommodation memo, more interactive smart classrooms for humanities programs & not just STEM/engineering

---

Brightspace could be optimized to sort through documents faster, but I know it takes time to improve things like brightspace.

---

I would like to see ub provide access to gaming consoles such as the Xbox and PS4

more activity

Public printing access in all the libraries, more number of technology for rentals, better technology training for professors

n/a

In Furnas Hall the HDMI for Mac constantly did not work.

I am an online student. Some IT stuff I hardly use.

bus tracking app/shuttle bus

I don't even know which services to ask for.

An accurate and live tracking bus for the stampede and shuttle. An upgrade to the Navigate platform (the Mobile app often freezes) With the GET app (option to order ahead similar to the service offered during Covid hopefully better) There's no need for people to stand on line to order especially in the atrium on Ellicott.

Nah, in my humble opinion everything is fine except for the wifi in large lecture halls. Top hat often doesn't load questions fast enough for me to answer them, which affects my grade as I can't submit answers late at all.

A quick computer repair or diagnostic center. I understand that liability for emanates to laptops attached from the moment one agrees to repair a laptop, but perhaps a center employee could determine whether or not they can fix it or if I have to take it elsewhere for repair.

Adobe Acrobat PDF creator/editor. Video editing software that is user-friendly and not too basic.

Virtual counselling sessions if possible for international students.

no

ADA-compliant sound-proof study booths. Not for me though, but I've seen them elsewhere and they work well.

More tech support dedicated to online graduate students/professors - my entire information science program is online and there have been many tech struggles that would require a dedicated resource.

More charging ports in some classrooms

More printers

N/A

A better way to find course descriptions to figure out what classes you want to take. Sometimes course descriptions are missing when looking for courses to register for.

A different learning platform, and effective training for faculty and staff on how to present information on that platform.

Adobe Creative Cloud for personal computers

wireless charging stations

The infrastructure for the students using basic computing and necessary technological products is available at UB. As per my exploration on technology in UB. i haven't had a chance to experience various technological products that is available in UB for any student, which i feel is essential for any student to know before hand to have a various resource they can use it from UB. Providing Some flashcards showing the various Tech products/resources available for students to experience and utilize for their education or research. Providing a Workshop every month on the usage of each tech products, like the unknown features or better feature of those products in the session and creating better understanding on those products and as well creating awareness on ethical usage of the products in the student mindset. Increasing the available tech resources would be a suggestion as well. with respect to software apps, i understand the number of users utilizing the apps and benefiting out of it. but, for the improvement i would request to hold a feedback survey during each semester

completion to get the feedback on the UB Apps. and coming up with the top priority change request raised by the students, faculty and researchers and updating the application with the support of interested and skilled student as a project work with a decent incentive and certification would create a healthy team effort to make the UB Apps and tech products better by the student community itself. Latest VR and 3D printing are very less in UB. i would suggest increasing those numbers

N/A

Cooke has rooms with TVs that share the screen of the computer station that the professors use. This is great, but some classes don't use computers to teach. My calculus classes in the natural sciences complex used the white board/chalk board to teach. If a camera could be pointed at these boards, a TV could then show what the camera is picking up and the people in the back of the lecture room could see what is happening on the board.

I think instructions in the rooms on how to use the technology would be great. I would also like to see more loan availability at 955 Main St (loaning chargers, VR equipment for virtual anatomy for example).

No

None that I can think of currently.

Better wifi access in basement classrooms, especially clemens

no

Maybe recordings of lectures in classrooms.

please fix the wifi it is so bad this year

I think it would be great if UB could provide ordering kiosks for some of the food on campus to reduce some of the lines for some of the places without the get app.

No

please give us free top hat, since we have professors who likes to use it sometimes.

FREE IPAD WOOHOO

1. More available workshops or training for basic literature tools like Endnote. 2. More discounts info for the laptop which students need. 3. More charging station in all the buildings.

Nah

N/A

If you started to provide access to adobe products that would be very beneficial to students who want to pursue more art focused endeavors.

More laptops for MS thesis and PhD students

Google Mail over Microsoft Outlook

No I think UB is doing a great job of showing and providing resources to students.

Rental Umbrellas maybe or purchasable rain coat temporary ones or recyclable ones

Improved wifi

Improvement in cybersecurity

documentation on how to connect devices in rentable rooms.

Not really, UB has a Lot of the technology needed for different majors

Updating existing computers in classrooms and public computers departmentally for departmental use.

---

Not at the moment.

---

To make photocopiers accessible by installing JAWS on them.

---

I would have said more access to free programs, although it seems I have been missing out and using a pirated version of 2007 Microsoft word for no reason.

---

n/a

---

No

---

None for now.

---

no

---

Adobe Acrobat please, please, please, please, please.

---

No! but also i dont know all of them so i dont know what exactly we do or dont have exactly.

---

more outlets needed in classrooms desperately! PARTICULARLY in diefendorf hall. Would also be nice to have a printer kiosk in BEB connected to Cary Hall

---

Just better/faster wifi

---

Not that I can think of.

---

Easier way to change name on ub email account to preferred name

---

No

---

Bluetooth device variety

---

High end laptops. Tuition is very expensive and yet we don't get a laptop when it is necessary for the majority of classes here for lots of different things- attendance, recorded lectures, discussions, assignments, and exams

---

Software subscriptions should be free of cost to use in classwork during the course of study instead of paying for each individual one.

---

The new pulse mobile app. It doesn't let me print any files from the app. I need to log into brightspace on safari and then I can print from safari.

---

No, I feel like UB is already more advanced than a lot of other academic environments that I have witnessed.

---

Student access to IMAP or POP for getting UB email on local email clients

---

I feel like in is well equipped with equipment

---

Nothing

---

please keep everything in good condition, like a technology group just for maintain the condition

---

I can't think of any at the moment.

---

I really don't like when Tech says We don't help with that or I know, but I can't tell you. Then when you say let me speak to a manager they suddenly help you

---

VR technology to test out latest technologies and learn better

---

input the option to submit work using "Kami" in UBLeans. The most accessible way shows a button next to the attached pdf by the professor that says "Open in Kami", which does exactly that, and allows editing in all forms (annotation, typing, hand writing, comments, etc). By doing this, it allows Kami to submit the assignment by

clicking said button within kami, and it transfers the edited pdf back to UBLearns via pdf and link to see it in Kami. Overall this allows for a simple, easy way to open a pdf without needing to necessarily download it (but it is possible) or save a second, edited copy to them search for in our files and submit to UBLearns.

Not at this time.

Possibly general access to remote devices for all students that enable high computing power

One free software: Stata

maybe several wifi connections each providing stable connection

no

N/a

Provide internet hotspot dongles.

n/a

UB Box is often down for hours at a time. When completing research, we are only allowed to store our data and study trackers on Box. We are not allowed to back anything up on any other device. This often causes problems because we then need to run study visits with no study tracker to confirm what subject we are running and no where to back-up data. When I call UBIT, they tell me I need to wait and they cannot provide a time when Box will be running again.

Loan iPads

Better equipment at Clark Hall gym area.

n/a

Better wifi please

No

I would like UBIT to notify Principal Investigators when their recently graduated students' UBBox data is about to be erased (perhaps a one week notice). While it should be understood already that graduated students will lose their UBIT accounts, this notice may help prevent significant losses in research works or data that my lab has experienced in the past.

I feel that the semester laptop loan program could be improved. As I could see that the students with laptop were able to get additional laptop and the students without the laptop were not able to receive it.

Nope

Adobe Acrobat Pro Comsol

No

Free polling for students (no need to pay for a top hat subscription) dissertation data storage solutions

Not specific

n/a

No

no.

N/A



Streaming Services.

Professional Software Licenses like Snowflake, AWS, Hostinger etc.

I would love to see the capabilities of the virtual machine ramped up to where they provide satisfactory performance for more of the higher processing load onboard software. I would also like to see the ability to export work off of and datasets into the virtual machine more easily. Thank you for all the help you provide to the student body of the University. Without you guys we would be living in the analog age still and nobody has space for that many reel to reel supercomputers :)

Cheaper, but non-subscription based alternatives to software such as Adobe and Microsoft products, so that students could retain access after graduation.

none

Update the unlearn or bright space website so that I don't have to refresh or close off a window multiple times to sign back in to the page.

Providing courses that could teach people the basics of Microsoft and so on for those that come to the university unsure how they work.

Faster wifi and better audio with regard to the classroom teaching stations

- Adobe Creative Cloud on all workstations, if not on personal devices. - Better accessibility of Outlook UBMail on third-party clients – I have never been able to make it work with Apple Mail.

Better wifi or monitor

no

No

Ub can provide cloud with more bandwidth, usually it is slower than expected. Also UB has a lot of different websites which is difficult to track. Try to build a centralized system where all the information could be obtained. I would suggest a parking system should be made on digital app, I already tried to build the app, which helps users to get a parking in nearby houses if available, with minimal charges.

Nope, I'd say I'm content

A parking app with lot statuses

Better desktops at Hayes Annex B

Free textbooks

no

Better audio quality for lecture halls in 955 Main Street

I genuinely think UB does a great job of making technology accessible to all students.

Absolutely. The WiFi needs a complete overhaul. I find it to be outrageously slow at times when it's needed the most.

Please provide more WEPA printers in south campus, especially for Squire hall for dental students. Also a place to loan a laptop would be great in case if dental students laptop have issues right before exams or projects. Thank you!

No

Please have someone help professors teaching online to improve audio quality and caption accuracy.

no

More levelup PC's

I think that more creative technology would be nice to see.

Animation services

No.

Better IT security to manage the excess cyber crime occurring from students with access to student emails and credentials, etc

courses that teach adobe softwares like photoshop

No

No

At present nothing.

Please put white boards in classes instead of chalk boards so teachers can write on what they project on the board.

We have loads of technology, now find ways to integrate usage for students with professors in an actually interactive and conducive to learning format, then applying the technologies to social aspects of students lives or encouraging it to be used in more group settings would be nice, as well as small groups.

No

MacBook

In real time availability and on-route shuttle buses, constant trackers that are resistible to failure and are literally consistent by the second, by the inch.

It would be very helpful and also super cool of you to install the Lumion program on all of the south campus computer labs, or at least let us download it at all (it's FREE).

Really nothing I can think of. Being an international student I have not seen so many services and facilities in another campuses where I have been. I am quite satisfied with each and every services UB is currently providing.

Update your computers in capen and abbott library, they are extremely old and it's ridiculous. I feel that you guys spend too much time shifting to apple, we need better windows computers.

Providing recorded lectures for every classroom and lecture

Windows Software & Parallels for Mac users. This way I can use PC programs that I'm required to use for engineering classes.

No

I'd like to see them update the capabilities of UBBox a lot. I'd like the ability as a co-owner of a folder I didn't create, to be able to move that folder around in any one of my personal directories without disturbing things for anyone else. Right now you can only do this if you're the owner. Also, I'd like to know how to request both unlimited space in Box, as well as backup physical hard drives for research purposes. Much appreciated.

Industry-oriented courses that are linked with MNC companies will be very useful for the students to learn what different things and can be applied when they go out to real world

Nothing

Not rn

No

More stanpede stops especially at student living places for eg Springville Ave

Charging stations ,

Loan Ipads n Surface tablets Loan macbooks Loan Monitors All for semester or an year

audiobook services

shared GPU services for remote ML model training

Use of VR for education purposes.

n/a

No

Free e-learning licenses

While in lecture, a lot of times a professor faces difficulties in accessing the horizontal text written on a vertical page in an article in a pdf. I would like to see it improved.

VR and more PC's in lvl up

A request page for software could be useful

No. Thank you for everything!

no

Let people who use androids access the wi-fi

Yes Coursera student memberships for continuous improvement.

More emphasis on implementing Virtual Reality.

Na

It's already providing almost everything

No

organized reach and better notification management from partner companies

nope

Macs in Lockwood. The computers there are somewhat outdated and slow

Maybe more interactive services that let students anonymously participate in class (UB Health Promotions uses these in their events!) but also technology directories on campus that serve as almost a GPS for newer students/visitors to know where they are

None that I can think of

no

N/a

no

WIFI keeps disconnecting even though eduroam software was downloaded

It would b great id UB could offer free Adobe softwares (Photoshop, Lightroom, etc) for students, since these softwares are widely used in both course study and research. Thank you.

WiFi on bus

---

No

---

N/A

---

Dimmable window opacity in the JSMBS for conference rooms where lectures are held as it allows to block out the people constantly walking by and distracting the class.

---

UB should make it easy for us to see if a parking lot has any parking space available before even getting in the parking lot and spending minutes looking for a parking lot. UB is pretty updated so I think they should have some weather-resistant screen that would tell us, the status is 50/50 or 49/50.

---

No

---

Better WiFi that doesn't drop all the time

---

It would be nice if we could have access to usb ports in lecture halls, so we can charge our phones and other devices without need a power brick.

---

Prezi

---

I think it is already providing many better services when compared to others

---

None

---

VR

---

Ethernet everywhere. Oh my god the wifi is so bad. I mean, sometimes I can not watch videos even at 144p. You've heard of 2g, 3g, 4g, here we have 0.01g.

---

no

---

VR would be a very cool addition

---

Improving the WiFi

---

Yes, any coding platform for students that need not to be purchased, so that international student can easily avail that and submit their codes for assignments or practices.

---

I wish we were able to access UB's programs and licenses like Adobe Creative Cloud on devices other than campus powered desktops in the CFA and Silverman. In times like the winter, it makes it super difficult to make it to campus to work on projects however that is the only way I can access creative cloud for my major.

---

I think what we have now is pretty good

---

Vr

---

Qualitative data analysis software (eg. NVivo)

---

No, we get everything what we need from UB

---

Vr

---

N/A

---

Ability to change dpi in game lounges and to see the refresh rate

---

No.

---

I would like to have access to google maps and google earth pro on UB computers. Specifically for the CSEE department I'd like to see HydroCAD, Trimble, and construction related softwares such as Primavera installed on computers in the Ketter 206 computer lab.

Sale of computer and gaming accessories

VR services

Mainly just the wifi in certain buildings such as greiner and knox

N/a

VR Gaming in LevelUp sounds amazing!

I get that it's probably prohibitively expensive, but free access to Adobe Acrobat (not DC) on personal devices would be a godsend.

I would appreciate more outlets and plugs around campus to charge devices (all the tables in the libraries for example), other than that the campus is pretty good

Please provide linkedin premium for UB Faculty and students.

Easy library rooms reserving app

EBT being taken in dining halls

NA

Photobooths for passport photos

No

Adobe software. Especially adobe acrobat.

No

I would like some newer games in the Gaming lounge as well as faster wifi in governor's hall

I would like to see UB provide Virtual Reality equipment, even if it's only for classes. It is an interesting tool that I am sure people would love to use.

No, there are too many apps already

Probably a chat and file distribution service for the students.

Cloud Storage: A secure and easily accessible cloud storage solution for data backup and sharing. Advanced Cybersecurity: Enhanced protection measures against online threats and data breaches.

A UBIT wiki/knowledge base.

Close captioning on Panopto— I'm hard of hearing so it takes a while for me to understand professors

Wifi, Reducing Technological Distractions in the Classroom

Access to more softwares needed for industry as a student member

n/a

A Microsoft office course or crash course for those of us who either are not familiar with Microsoft office or those who lost touch with it and it's updates!

Not really no. It is difficult to connect a VR headset to the wifi though (Oculus)

None besides Virtual Reality.

Better technology in the CFA, hard to present projects because the apple tvs do not connect to most students with pcs. Difficult with audio sometimes. Basement wifi is inadequate, can never complete assignments in the common study spaces there.

---

adobe cloud

---

Map of UB? First year students have trouble finding classes. So I think an app than can locate the student and assist them with directions on how to get to their classes would be really helpful.

---

no

---

Better more accessible access to programs. Using UB virtual lab (is that the correct name?), it was difficult to use, difficult to figure out how to save your work/access previous work. I ended up having to buy programs in order to complete my work.

---

Access to statistical softwares like SAS, Stata

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n/a

---

Every one worked so hard to make campus better, appreciated!

---

UB Laptop Loan Program does not have enough laptops for students to borrow. The Program needs more laptops for loan, so there are enough laptops for students who need them.

---

I cant think of any at the moment

---

Subscription for high end softwares like Snowflake, AWS, Hostinger, etc.

---

VR gaming places to play VR games.

---

Can you increase the number of laptops/ ipads that can be rented? I know most of UB staff/ faculty/ offcies can rent a Microsoft Surface suddenly for events/ lectures. Why do you limit the number of devices that open for students to rent?

---

G suite

---

None

---

More docking stations! There are none - its very difficult to work. Abbott library is okay if you are reading a book. If you have to work on spreadsheets and documents you might have 9 programs open and need multiple monitors. Since this is how the working world operates I feel this should be the standard. I don't need a docking station everyday but when I need to post up and work its impossible to find space. I end up leaving campus to get work done. I want to stay on campus with students while I do school work - but I get pushed out by lack of docking stations and desk space. The current attitude is "Eh Ive got work to do today so I have to go home" instead of "I have work to do, its going to be great to enjoy all these resources around me at the university." Modern office layouts (outside of the university) are starting to look pretty cool! I would like to see Schools, Departments, Clubs, Organizations have A LOT more access to YouTube. Each department should have its own PROFESSIONAL media content production team. Clubs will spend \$100 on a pizza party, instead of hiring a video editor that will increase recruitment for years to come. A social media officer of an organization doesn't provide much value to an employer if their resume states they were just posting pictures to instagram for their club. If there are involved in the production process and can design and coordinate a production team, and document results, they will be 10x more attractive to an employer. Just having a title on your resume doesn't mean anything. The content should be funded and screened by the University for brand management. A good Key Performance Indicator for this could be the Pizza Production Ratio (PPR). Each organization should keep their PPR spending under 10%. For example, every \$1 spent on Pizza, \$10 should be spent on content production. \$1 million in content production would probably generate 1,000 + hours of YouTube content for the university (that lives online forever!!). If the videos are geared toward international students that pay \$10,000 per year in tuition, the program would break even if 100 additional students are enrolled in this scenario. With 1,000 hours of content on youtube I would guess over 10,000 applications per year could be derived from the funnel.

There are no other services.

Node graph visualization software

No

I think this survey did a great job of encapsulating all aspects of UB technology services!

Video Editing

Access/ support for digital text book and quality text to speech options

No

no

Apple Pencil and other technology rentals at south campus

VR Learning

Better ability for trans people to change their UBIT name and/or email

Internet discounts for those commuting... A wider variety of free software applications.

N/A

no

Yes. I would love to see UBIT conduct coding, developer, and "other" variety of classes. I would also greatly appreciate if personnel from UBIT could function as a Faculty Mentor, in situations where these Category In Humanity are "necessary and needed", by we students.

I would like if UB offered free cable for students or some streaming services like Netflix.

To be honest, the app printers were great, really was a life saver, I think an improvement that a lot of students would like was if we had more of them near the dorms, would really make those late-night essays easier.

No, thank you!

no :)

Currently nothing

better wifi!!!

N/A

A proper plagiarism tool for students will help. Most of the good plagiarism websites charge a lot of money.

More curved screens in silver man

Keep up the good work!

the touchless doors to open faster, but I still like them

Better tech support

More access to outlets in study areas would be great, sometimes in the library or One World it can be difficult to find a spot for a laptop charger.

I would like to see hardware security key support for mobile devices. For example, I'm able to use a YubiKey to log into UBIT on a computer when I do get access to a computer, but I can't use the NFC function of my YubiKey on

my phone when logging into UBIT. This has required me to allow Duo push notifications, which is technically less secure.

Yes, it would be great to have reservation-based lounges in public areas in the academic spine with TVs and a couch and a door that can be sound yet see-through, just like study spaces in Silverman can be reserved and how they are somewhat soundproofed and see-through. This would be a great way for students to have a place to relax and socialize, especially for those who don't live in dorms, or apartments or for those who just down own TVs. It would also be a great place for students to meet up with friends, hook up their gaming console, watch movies with a large group of friends, or simply socialize. The location can even be one of the libraries, Lockwood would make the most sense since there is more space available or wherever the university decides to have them within the academic spine. Students would be able to plug and play their gaming system, computer, or desired streaming device via HDMI. All that would be needed is a TV, a couch for each room, and soundproof see-through rooms.

Wider range for wi-fi. There's no mobile data signal (Verizon) or wi-fi signal in the parking lots which could be a hazard in an emergency.

Professors often run out of battery on the mic during lecture recording. Sometimes recordings have missing audio because of that.

Why is everything on ten different websites and five different apps and I need to go through a maze of links and website that half the "how to" guides are already outdated for. It's a mess. Can we have just one website for everything. Navigate, myUB, HUB, why.

N/A

Not for me, as I am a remote student

Brightspace assistance

NA

Campus maps and parking information

None

Free adobe products

Please consider adding a scanner to 955 Main Street. Also I think a lot of students would benefit from having Adobe (just so we can convert different files to PDFs, merge PDFs etc).

More free software. SPSS and adobe suite pleeeaaase

No

I would like zoom options during class lecture time to be an option for students so they are able to attend class remotely (on zoom) instead of watching the recorded lecture later if they need to miss due to a sickness, etc. Having a zoom option does not promote students to not go to class it provides an alternate option to watch the lecture during the dedicated time and not feel overwhelmed with watching 4+ lectures everytime they are sick or cant make it to class.

Updates to the Pulse App! I love being able to check my grades and assignments, but it is not fully compatible with Brightspace

Nope

I borrowed a laptop once from silverman

More statistical programming and software program support. More computational resources would be helpful as well.

more wide monitor in library and any study buildings. Consider about block the sun light that straightly pour on the screens, this is really annoying



A uniformed platform instead of having many different websites for different course and to Complete different UB related tasks

Classrooms in Baird building are very outdated, not good screens, bad audio, adaptors not available, old technology. Printing for professors is also bad, too restricted.

FL Studio and Ableton

More computers with SOLIDWORKS downloaded on it

Classrooms should have multiple monitors around the room to see the professors screen from. It can be hard to see the screen in the front middle sometimes when your off to the side and/or in the back.

Nothing as of now. But, if possible it would be really great if UB could sponsor for some reimbursement for online courses or websites that have subscriptions like Leetcode, Algoexpert etc..

N/A

Mice and/or keyboard loans for those who prefer a mouse over a trackpad

VR headset for project

No

Better virtual machine support. UB could also outsource their VR machines from a company like NVIDIA. Also UB could then use these machines to also offer remote machine gaming, which could allow more students to access games on their personal computers rather than using the physical space and electronic equipment of a high powered PC.

None at the moment.

I think UB is using technology to a good extent and needs improvement in very few areas like providing microphones at every student desks, that will make professor and students listen to other students better and keep the class engaging, although good no of lecture halls already have them.

Laptop loan program would include more laptops.

No I am all set!

Not that I can think of

None that I am aware of

No

Ebooks that the lecturers/instructor uses in class or for course that could be available in the library website!

No, but please boost the WiFi signal in the basement (ground) of Sherman Hall. I cannot even load UB Learns in some rooms.

no

We need virtual reality labs for the engineering and applied sciences labs. It would be great to have virtual assisted field trips for the geology and environmental science department.

no

Computers in classrooms

wifi throughout the campus should be more reliable

More free software.

Have a site where technological aid and services or provided, or a forward-link that would take them there without having confusion or wasting time searching for it.

I would like to see this questionnaire remade with online students in mind. Not everyone attends a campus!

None !

maybe a technology that shows how many people are in a library?

no :)

Free portable charger

Access to Netflix would be nice.

Better monitors for the Level Up gaming center. The current monitors are 60 hertz so no matter how good the alienware computer's are... the games will always appear as 60 fps on the screen. It would also be great if there are digital art software and tools for students to use.

I just want better WIFI please

This semester I had to pay extra for the piazza software for my coursework as recommended by the professor. Hoping that UB can provide this software for free in future.

Nothing off the top of my head.

Adobe products

Expanded free/discounted access to subscription services like Codecademy, Brilliant, Coursera, etc. (if possible)

More desktops

I would like to see UB provide some video editing apps for students to use.

A Laptop to everyone/ Or Atleast a tablet to everyone.

Many of the computers in Level Up glitch due to the OS installed on them. I would like to see the OS on the computers updated please. Additionally, the LevelUp keyboard keys are mismatched a lot and the chairs are broken (missing parts, wont move up or down). And sometimes the computers display and error preventing us from logging on, claiming "No hard drive can be found".

Free Laptop give away those who don't have any during Exam times

Access to music production/DJ'ing software such as Ableton, FL Studio, Serato Pro, Rekordbox, Vital Synth, etc. Also access to electronic music equipment such as speakers, DJ Controllers, Launchpad, MIDI controllers, etc.

no

please just improve the wifi.

none

no

Along with advancement in virtual reality, augmented reality can also be used for navigation.

just begging for better wifi

Give back the Lockwood computer spots. Everything in the Silverman library is a pain!

Yes. I think UB should provide access to plagiarism checkers or a software to check plagiarism. The websites available online are not full proof. So yes access to that. The print cash is not useful for everyone which should be converted to campus cash.

My department does not offer class recordings, it would be helpful to students, if class recordings are also provided.

---

Virtual machines for training models for Machine Learning

---

The bus scheduling/tracking on both the ubmobile app and the website sucks. The tracker doesn't track half of the buses, you've used different colors to map different routes — despite the fact that many buses overlap one another, and the app doesn't mark where UB bus stops are (there are only eight, between north and south campus, there's no excuse). For differentiating different overlapping routes, the different routes will probably need to be represented as running next to one another, kind of like the NYC or London subway maps. Finally, the website design of the "Buses and Shuttles" page is absolute garbage. You've got an "on this page" table of contents-type section that is not visually distinguished from the page's contents, which is incredibly confusing; you've foregrounded the bus tracking section, despite the fact that it's useless, and even if it weren't, its use cases aren't as wide as you'd think; I have to find a non-foregrounded link to get to the schedules (despite the fact that it's just a table); once I've clicked on the schedules link I'm not actually taken to the schedules, but to another page where I have to figure out which of a handful of other links will take me to the schedules. Absolute garbage ux design.

---

Faster loanable laptops

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More charging stations on campus.

---

Connecting to Wifi. A holistic site to which suggests all the steps to complete before arriving on campus -- IT related

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No,

---

I would like to see that more loan laptops are given out throughout the semester as they get taken up quite quickly and some who need to use those laptops for specific courses can't.

---

no

---

I would like the UB website to be a bit easier to understand and navigate

---

For printing, I think that since its not free printing after a certain amount they should increase the amount of money you get to print. On several semesters multiple professors have you print out their notes and you run out of money on your account. I don't think UB should advertise to new students free printing because it is not free printing. Maybe stations (Ipads built to a wall) where you can find information on UB directory and ask questions on technology like where are printers, how to find a class, what times student union food open and closes etc.

---

Photoshop

---

N/A

---

No

---

Please provide better adobe features

---

Big led screens, not just projectors and more technology

---

techlonogy funds that you apply for to get the tecnologies you need for completing college with the right resources

---

N/A

---

Free adobe suite, very useful for class and extracurricular activities

---

I don't know if there's one already, but a UBIT Instagram page that shares tips regularly for Excel, Word, and other apps/programs that students use. Could we also get a Pixton discount?

---

Nope. I think UB has its IT services well rounded from what I know for now.

I am generally satisfied; I would appreciate the inclusion of STATA in UB-supported software, but MATLAB is typically sufficient.

No, UB has pretty much everything I can think of in terms of technology and how up to date everything is.

Printers seem too complex to use!

Better virtual microscopy programs for pathology. ARC is terrible. I recommend looking into Biolucida.

Fix the outlets that are broken in Baldy

reference managers, classroom softwares like top hat

Provide laptops to the students in need

No

access to rent out chargers for iphones, tablets or different types of laptops for a day

More personal storage options for large datasets

No, I do not have any suggestions.

As a PhD student in engineering, it would be nice to have access to grammarly for my writing.

Personal cubicles with ultra wide monitors for private studying

Maybe some VR headsets

More information about how to use bright space

None

UB should support its own implementation of software similar to tophat. It's egregious that students are paying \$25 each per semester to access a question-answer service. By putting the burden on the students, tophat has encouraged universities to ignore this issue, but it is in bad faith to do so.

Class Recording and AI assistant booths

Adobe free service - PDFs are often used in my program and cannot perform various functions without paying for an Adobe service. Would also like to see superior antivirus software offered by UB rather than generic Microsoft antivirus.

Cloud and Analytics and AI Softwares Guided Projects so that students can learn about the common skills required for the Job.

no

No

VR studio for gaming

no

Virtual Reality, Engineering specific softwares like SolidWorks, ANSYS Workbench, Primavera P6, Power BI Professional, Tableau Professional, Carrier HAP v5.1, etc.

Private testing areas with webcams on campus for online exams.

Hologram projector or generator would be a cool way to upgrade the technology at UB

No

Wifi working.

I think all classes should be recorded and posted for the students to review at later dates while studying

need access to research papers in a easier way

Expand subscriptions to services such as Fusin 360 or Blender for students that request for it and are outside of the relevant majors.

You are doing good!

Free HW Service accounts, shouldn't have to pay \$100+ just to do my HW.

N/A

no

Different UBlearns platform - Brightspace is not good, and much worse than blackboard. The design might be a little more visually appealing, but the dropdown menus and click-throughs make it harder to access class resources. The extra clicks to access anything are compounded by the huge wait times - I just tried and it took 10 seconds to load the page and login, and between 5-10 seconds to load each further page, meaning it took over 30 seconds to access a single resource which is unacceptable for a website in 2023.

JetBrains IDE, SSH servers, VR technology

no, from my knowledge UB has provided with all the services students need in order to success.

Nothing really comes to mind at this moment.

I'm not sure if they exist, but it would be really interesting to be able to check out AAC tech devices for the speech and hearing students to learn how to navigate them before entering grad school/job field. These may include the Tobii Dynavox devices or other related technologies.

No.

Adobe

I'm really grateful they have provided everything I needed until now.

The technology services that UB provides are very comprehensive and allow for a more engaging learning experience. The Wi-Fi is intermittent and cuts out more often than should be understandable. Otherwise, I have no further issues with UB technology. I make use of UB Box primarily and it has been a fantastic tool to be used at my disposal. The same goes for Microsoft 365.

Apple TV/Google Chromecast connectivity

Free TopHat

n/a

A way to see all the websites and what they are used for in one area. (Dining, housing, academics, Microsoft 365, Navigate, UB Learns, etc.)

Undergraduate music recording studio

n/a

Email compatibility with third party clients (Thunderbird, K-9 Mail, FairMail, etc)

No

no

I think there are many students that cannot afford to buy a good laptop and are left out in the lottery provided by UB for laptop. If the administration can increase the number of laptops being given that would be a huge help for the students. Thank you!

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More workable public PC's to use in libraries.

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Not that I can think of right now

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Nope

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Better accessibility for things like Canva, it's used for classes and clubs and would be useful to have full access to an app like Canva at the ready.

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no

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Ensuring professors uploads are accessible

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Looking forward to set up free professional photoshoot set up and better career fair department wise

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No

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No

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Free streaming services

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Not at this time.

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I would want to see a better campus navigating app for students.

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N/A

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Really just having a stronger more reliable wi-fi connection and better filters for spam emails

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stackoverflow or Quora like q&a site just for UB to increase knowledge base of UB

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Kurzweil for all students.

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NA

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Excel training classes for beginners

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N/A

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None

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Adobe Acrobat

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More instructional sessions for specialized softwares

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Better WiFi and faster email

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Currently, phone data can't be used in many classrooms and I would like that changed.

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Some technology services similar to TOPHAT because I had to pay for TOPHAT several times.

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More printing kiosks (1 per building such as if in Bonner Hall I have to walk to Knox Hall or Davis Hall), and more charging ports in desk style class rooms so that I can sit in the front still and charge my tablet when I have classes for 6 hours in a row without a break (specifically NSC and Talbert Hall this semester)

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N/a

More electrical engineering software tools/ software licenses and proper download links such as psse, etap, homerpro etc

Better wifi, more items available for rent at capen (more calculators)

online tutoring services

HDMI cords

N/A

Classroom record please.

Renting headphones

Virtual Reality Experience Center

Better Wi-Fi that's it

Better panopto compatability on mobile devices. Linked sources to available software accounts on hub

No

Free or discounted access to more streaming services like YouTube, HBO Max, Hulu, Disney+, etc. and also stronger Wifi in general.

Na

I think UB should offer rentable tvs

More access to learning platforms such as coursera, LinkedIn learning or data camp would be nice

N/a

I would like UB to make better Campus navigation app for students.

Abbot computers - can't login most of the time.

I face issues in listening to professors in some lecture halls like Fronczak Hall and O'Brian Hall. Improving the quality of audio in such Halls is the only technological update I could use.

A bigger level up cafe with more PCs.

No

adobe creative cloud

N/A

UB should consider offering high-end laptops equipped with advanced GPUs and superior graphics cards for loan. Such resources should be made available to students upon receiving approval from their professors. During my tenure as a Master's student specializing in Robotics and AI, I experienced firsthand the challenges of insufficient computing power. Core subjects such as Deep Learning, Reinforcement Learning, and Robotics demand intensive processing capabilities, which only high-end computers can provide. The current laptops from the library service fall short in meeting these requirements. I'm confident that many graduate students share this sentiment.

Being able to use adobe on your personal device

N/A

Bigger storage for one drive, better security from phishing and spam emails, better wifi coverage and speeds

Better specs laptops on semester loan.

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Not applicable

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Better navigation of available courses

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The services like tophate, cengage, webassign should be free of charge or an alternative should be found.

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UB should also provide MS project and designing softwares like Creo, fusion 360 and FEA software like ansys, hyper works so that students should also learn new technologies which are used in the companies now a days.

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No

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I think if we can get a subscription to either coursera or codecademy for as long as we are enrolled as a student at UB, that would be really helpful in students overall development as the courses provided by these websites will not only help us in understanding our course related concepts but they would be extremely helpful in developing professional skills and upskilling as well.

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No

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No UB has almost everything a student needs to loan

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Teleportation

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none

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None

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No

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Easier way to reset UB Allscripts password and/or inclusion of UB Allscripts assistance phone number on Allscripts home page.

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Not all vending machines on campus are accessible with the GET Mobile App. Even though a vending machine may have the GET code on it, the vending machine code does not show up in the app, such as in Clemens Hall.

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More free or discounted software like Adobe Suite (beyond just student pricing).

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More access to statistical software for free.

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Adobe Creative Suite for personal computers

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As an online student, I would really like to use VR and AR so I can access things that are on campus that I don't have access to now.

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ability to finance or add tech purchases to student account. If a computer dies mid semester, I can pay on it over time or with the next semester's funds but for first gen and socioeconomically marginalized, we often don't have money like that and the library loan runs out too fast.

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VR

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More straightforward process of getting electronic copies of papers through the Library

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No, everything is great!

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No

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A quantum computing core would be good.

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Allowing viewing panopto videos through mobile devices on the web.

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No



More classrooms fitted with charging ports for computers and phones (e.g. the smaller rooms in NSC.

Free education workshops (especially for graduate students) that teach how to efficiently navigate apps we may need in the professional world. For example, how to create a budgeting sheet on excel.

None

Better wifi.

At this time I don't have any suggestion for that. Thank you.

Ipads to take notes would be great

NA

Provide more monitors in the libraries, not PCs but monitors. I think most of students own their own laptops on campus so we will like to go and work on an extra monitor instead of connecting to the libraries PC. Make sure the cables are long enough to connect the laptop sideways in the widescreen monitors. The ones installed have the cables too short. Add more technology to South campus. Hopefully, the library can be remodeled like Silverman and wide monitors stations can be added as well.

N/A

Grammarly premium is very much appreciated

No

More training for professors regarding technology so that there are no disruptions before or during class.

UB provides most of the services so no improvement required.

A separate app that is designed to view your grades for (quizzes, participation, midterms and finals and attendance) all at one place something like what I used to have in High School like pupilpath.

Free Adobe subscriptions for media studies students - \*\*\*accessible for your own personal computer\*\*

More closed captioning on recorded lectures.

Adobe software, Quizlet, Notability/Goodnotes

I would be good if we have access to many of the most-demanded industry softwares like Electronic Design automation(EDA), SCADA and PLC.

fix the navigate with better accuracy

Alarm clocks

More engineering opportunities

LuB could create its own social media platform gathering different departments, UB students, alumni, staff and everyone under a single umbrella.

Laptop chargers to rent from the library

Auto install UB Box on all of the PC's. Right now you have to manually install the box client.

Students don't understand how amazing box drive is and I think there needs to be more advertising for it

None

N/A

N/A

GitHub Campus Program. Other SUNYs have it. Let's bring it to UB. <https://education.github.com/schools>

Not that I can think of at the moment!

Just for the love of all things good, get some laptops that weren't made before Y2K. Please, I'm begging you. I had to use a school-provided laptop for the EOP summer program and it was literally falling apart when they handed it to me.

LinkedIn Premium subscription for UB students would be a great help.

No

No

Adobe reader, Software for Industrial engineering

nope

Maybe better WiFi at times

Teach the professors how to use the equipment in the lecture/class rooms

Make moreUBIT tech squad stations

Adobe and Photoshop for free

None

No.

Device repair services, for example monitor/keyboard fixing.

Na

More laptop loaning options at the libraries

No

No

N/A

n/a

Free access to learning platforms like Coursera or Udemy would be a great help.

I am grateful for the support provided but it would be great if to have the applications setup better to have a better interface and UX

Not really.

Laptop cleaning tools

SAS SOFTWARE

no

I think UB have enough techno location services. If they can add more in Lockwood thats will be better.

Maybe bring back the streaming services? Like how we had HBO

N/A

Virtual reality

Better speakers for the professors. Faster wi-fi. More spots around campus for UBIT help.

Nothing

no

As far as I know all the requirements that are needed for computer science students are fulfilled so I would ask of nothing as for now.

Personal tech repair, 3D printing access, more and less centralized printing stations in south campus buildings

ipads and Macs in libraries

None that I can think of.

no

HDMI cables in all rooms with monitors so we are able to fully utilize the technology

NA

Engineering software such as solidworks, FEA software, and CFD software

Grammarly Premium Quilbot

improved wifi, some sort of exchange/resale program where students can sell gently used items and where students can purchase these used items (such as cameras, laptops, lenses, other equipment) at a discounted cost. Students benefit by some extra cash, as well as getting equipment at a lower rate

VR for class work sounds very beneficial!

No

Better and more consistent WiFi

n/a

Just better wifi

Not at this time.

Vr

better wifi

no

free streaming services

NA

no

Coursera Premium Please

No

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no

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Brightspace is terrible and the auto-generated captions on Panopto videos are useless.