

2026-27 NUANCE User Rates

Internal (NU affiliate)	Daytime 8am-6pm, M-F (per Hour)	Evening & Weekend * 6pm-12am, M-F 8am-12am, Sa-Sn (per Hour)	Overnight * 12am-8am, daily (per Hour)	Training flat rate (per person)	Technical Assistance (per Hour)
Transmission Electron Microscopy					
JEOL JEM-ARM200CF 200kV Cs-Corrected (S)TEM	\$156	\$125	\$78	\$1,500	\$300
JEOL JEM-ARM300F 300kV (S)TEM	\$142	\$114	\$71	\$1,200	\$300
Scanning Electron Microscopy					
FEI Quanta 650FEG Environmental SEM	\$98	\$79	\$49	\$750	\$250
JEOL JSM-7900FLV SEM	\$98	\$79	\$49	\$750	\$250
Hitachi SU8030 Field Emission SEM	\$98	\$79	\$49	\$750	\$250
Hitachi SU8700 UHR Field Emission SEM	\$98	\$79	\$49	\$750	\$250
Hitachi S3400N SEM	\$74	\$60	\$37	\$500	\$250
Focused Ion Beam					
Thermo Fisher Helios 5 UC FIB-SEM	\$129	\$103	\$64	\$900	\$300
Thermo Fisher Helios 5 Hydra Plasma FIB-SEM	\$140	\$112	\$70	\$900	\$300
Specimen Preparation					
Denton Desk IV Sputter Coater	\$20	\$16	\$10	\$250	\$250
Fischione Twin-jet Electropolisher	\$66	\$53	\$33	\$250	\$250
Fischione 1040 NanoMill	\$19	\$15	\$9	\$250	\$250
Fischione 1050 TEM Mill	\$40	\$32	\$20	\$250	\$250
Hitachi IM4000-II Ion Mill	\$25	\$20	\$13	\$250	\$250
South Bay Technologies PC2000 Plasma Cleaner	\$19	\$15	\$9	\$250	\$250
Tergeo-EM Plasma Cleaner	\$19	\$15	\$9	\$250	\$250
Cressington Sputter Coater	\$20	\$16	\$10	\$250	\$250
SPI Osmium Coater	\$33	\$26	\$17	\$250	\$250
Gatan 695 Precision Ion Polishing System	\$44	\$35	\$22	\$250	\$250
Scienion SciTEM Liquid Deposition Robot	\$22	\$18	\$11	\$250	\$250
Fischione 1020 Plasma Cleaner	\$19	\$15	\$9	\$250	\$250
Sample Prep Equipment (Grinding, Polishing, etc.)	included	included	included	\$250	\$250
Protochips Atmosphere Gas System	included	included	included	\$1,000	\$250
Gatan Double-tilt Cryo-transfer Holder (Elsa 915)	included	included	included	\$500	\$250
Other					
HP DesignJet Z6200 Poster Printer			\$2.50 per linear inch		
*Instrument managers determine when a user may be granted Evening & Weekend access.					
Note: consumables and supplies, when required, charged separately.					

NUANCE Center Reservations and Rates policies

Reservations

Using NUcore, <http://www.nucore.northwestern.edu>, reservations can be made by half hour periods for the duration required.

Daytime, Evening & Weekend and Overnight access

‘Daytime’ is from 8am to 6pm, Monday through Friday, except university holidays. ‘Evening & Weekend’ access is available for those who have obtained approval by the appropriate instrument manager. Discounts may apply for instruments during these ‘Evening & Weekend’ times. During university holidays, NUANCE is accessible to Users with ‘Evening & Weekend’ access, though facilities staff are not available to offer technical assistance.

Early login and late logoff

Users are allowed to login 5 minutes earlier than reserved start time; should a User require an earlier login, they will need to move their reservation in NUcore. Should User determine that time beyond the reservation is needed, User is required to **extend** your reservation in NUcore. Time beyond the reservation end-time is charged in minutes.

Partly used reservations

If reserved time is not fully used, User will be charged according to reserved time. User should not reserve time more than needed. (If User has an unused reservation, another user is barred from using the instrument.)

Unused reservation

If you do not login within 30 minutes after your reserved start time, your reservation will be canceled, and you will be charged a reservation cost. After this 30-minute period, another user may use the instrument.

Cancelled reservation

You will not be charged if you cancel your instrument, service or training reservation 24 hours or more ahead of your planned start time. You will be charged a set-up fee if you cancel within 24 hours.

Forgot to logoff

It is imperative that you log off after your session. If you forget to log off, you will be charged the greater of reserved time or 2 hours.

Report forgotten logouts

If you discover that the previous User forgot to logout and the instrument is no longer in use, you may login. ***Please use caution, as the previous User's experiment might be interrupted if you logoff when the instrument is still in use. If in doubt, please contact the facility manager.

Technical assistance and training fee

Managers post 'technical assistance' and 'training' fees to your NUcore account within 48 hours.

Consumables

Enter your consumable items when logging off instrument. If you forget, a manager may enter it manually.

Machine downtime

You will not be charged if the instrument is marked as 'down', even if you have reserved the instrument. You may request to have the charges waived if the equipment is faulty but not marked as 'down' in NUcore; please contact your facility manager immediately to resolve.

Report equipment problems

When logging off equipment in NUcore, User should check "problem" or "down" if there was problem during the experiment. Facility managers will receive an email notice and fix the problem as soon as possible. Facility managers will also evaluate if the usage charge should be waived due to the problem reported.

Questionable charge

Contact the appropriate instrument manager as soon as possible to discuss any questionable charge. Adjustments must be completed within 90 days to comply with the university policies.

Billing schedule

NUANCE closes each month before sending instrument use charges to NU Accounting. We use the chart strings from your User profile, which are validated against the university's NU Financials database daily.