

2023-24 Approved Recharge Rates

Division / Dept.	Service	Unit	Internal		External	
			Federal Rate	Non-Federal Rate	External Rate	External Profit
Arts Division						
<i>Barn Sign Painting</i>						
	Sign Painting	each		\$375.00		
	Extra Character (beyond 80)	each		\$8.00		
	Correction	correction		\$50.00		
	Complex design, additional time	.5 hour		\$25.00		
Baskin School of Engineering						
<i>Banana Slug Genomics Center</i>						
Banana Slug Genomics Center						
	tRNA-seq for eukaryotes (max 12M reads)	sample	\$20.50		+ F&A on-campus rate	\$67.00
	mRNA-seq for eukaryotes(max 50M reads)	sample	\$47.00		+ F&A on-campus rate	\$182.00
	Small RNA-seq for eukaryotes(max 25M reads)	sample	\$41.25		+ F&A on-campus rate	\$133.00
	Single-cell RNA-seq for eukaryotes(max 60M reads)	12 samples	\$45.00		+ F&A on-campus rate	\$208.00
	mRNA-seq for prokaryotes(max 50M reads)	samples	\$45.00		+ F&A on-campus rate	\$182.00
	WGS variant analysis for cat genome (30X coverage)	sample	\$445.00		+ F&A on-campus rate	\$2,310.00
	Microbial UCSC genome browser per genome assembly	each	\$313.50		+ F&A on-campus rate	\$1,444.00
	tRNA gRNA design for CRISPER	100 genes	\$88.00		+ F&A on-campus rate	\$231.00
	Custom gRNA design for CRISPR (minm 50 genes)	each	\$1,100.00		+ F&A on-campus rate	\$2,310.00
	Analysis result data storage per T/month	month	\$36.00		+ F&A on-campus rate	\$91.00
	Custom data analysis	hour	\$94.00		+ F&A on-campus rate	\$281.00
<i>Baskin Engineering Lab Support (BELS)</i>						
Equipment Rental						
	Equip costing up to \$500	weekly	\$3.50			
	Equip costing up to \$5,000	weekly	\$7.50			
	Equip costing up to \$500	quarter	\$35.00			
	Equip costing up to \$5,000	quarter	\$75.00			
	Equip costing up to \$50,000	day	\$10.00			
	Equip costing up to \$50,000	weekly	\$50.00			
	Equip costing up to \$50,000	quarter	\$400.00			
Lab Use						
	Access	quarter	\$57.00		\$162.00	
	Full Lab	hour	\$60.00		\$182.00	
	Full Lab (min)	day	\$360.00		\$1,092.00	
Poster Printing						
	Regular	each	\$41.00			
	Rush - Less than 1 day	each	\$69.00			
	Rush - Less than 2 days	each	\$27.00			
	Rush - Less than 4 days	each	\$13.00			
Services						
	Engineer - Electronic	hour	\$75.00		\$113.00	
	Student Engineer	hour	\$16.00		\$25.00	
	3D Printer Set up	each	\$12.00			
	Merchandise Sold	each	cost +20%MU			
	Lab Locker Rental Fee	quarter	\$5.50			
	BELS Equipment Checkout Late Return - 5 days grace		\$30+\$1/day			
	Equipment Damage Breakage - actual cost		up to \$1,000			
<i>CITRIS Initiative for Drone Education and Research (CIDER)</i>						
Licenses						
	GIS	each	\$75.00			
Rentals						
	Commercial drone	day	\$40.00		+ F&A on-campus rate	
	Commercial drone	week	\$150.00		+ F&A on-campus rate	
	Commercial drone	month	\$400.00		+ F&A on-campus rate	
	Enterprise drone	day	\$800.00		+ F&A on-campus rate	
	Enterprise drone	week	\$3,200.00		+ F&A on-campus rate	
	Enterprise drone	month	\$9,600.00		+ F&A on-campus rate	

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Personnel						
	Senior Pilot	hour	\$82.00			+ F&A on-campus rate
	Pilot	hour	\$25.00			+ F&A on-campus rate
	Drone Technician	hour	\$17.00			+ F&A on-campus rate
	Travel (mileage @ current reimbursement rate)	mile	reimbursement rate			+ F&A on-campus rate
Data Analysis & Processing						
	Data Processing	hour	\$25.00			+ F&A on-campus rate
	Data Analysis	hour	\$25.00			+ F&A on-campus rate
	Advanced Data Analysis	hour	\$82.00			+ F&A on-campus rate
Flow Cytometry Facility						
	FACS Aria	hour	\$51.25		\$173.03	\$332.75
	LSRII	hour	\$36.60		\$87.12	\$166.38
	Technical Assistance	hour	\$53.58		\$165.77	\$294.94
	CytoFlex	hour	\$26.40			\$166.38
Genome Technology Center						
	ONT Ultra Long Library Prep & Sequencing		\$1,600.00			+ F&A on-campus rate 2 X Base
	ONT Ligation Library Prep & Sequencing		\$1,600.00			+ F&A on-campus rate 2 X Base
	Pore- C DNA Preparation		\$750.00			+ F&A on-campus rate 2 X Base
	UHMW or Standard DNA Extraction & QC- Blood & Cell Culture		\$400.00			+ F&A on-campus rate 2 X Base
	UHMW or Standard DNA Extraction & QC- Tissue, Non-Mammalian		\$1,200.00			+ F&A on-campus rate 2 X Base
	RNA Extraction & QC		\$450.00			+ F&A on-campus rate 2 X Base
	Megaruptor 3 DNA Shearing		\$45.00			+ F&A on-campus rate 2 X Base
	Short Read Eliminator		\$50.00			+ F&A on-campus rate 2 X Base
	Qubit		\$5.00			+ F&A on-campus rate 2 X Base
	Femto Pulse		\$50.00			+ F&A on-campus rate 2 X Base
	Specialist- Protocol Development		\$105.00			+ F&A on-campus rate 2 X Base
Genomics Project Support						
	Genomics Grant Project Post-Award	hour	\$83.63			
	Genomics Grant Project Pre-Award (non fed funds only)	hour		\$83.63		
	Genomics IT Consulting per hour	hour	\$136.95			
	Genomics IT Systems User Support per user	month	\$35.34			
Keck Center for Nanoscale Optofluidics						
	FIB	hour	\$48.00			\$185.00
	SEM	hour	\$33.00			\$175.00
Tissue Culture						
	Equipment Use	week per shelf	\$54.45			+ F&A on-campus rate 2 X Base
	New User Training	each	\$200.00			+ F&A on-campus rate 2 X Base
Finance, Operations and Administration						
Internal Audit and Advisory Services						
<i>Internal Audit</i>						
	Audit/Advisory Investigative Services	hour			\$138.00	
Financial Affairs						
<i>Campus Mail Services</i>						
Bulk Mail						
	Bulk Mail Labor Rate	hour			\$46.20	
Mail Stop						
	Tier 1 (0-6.25 MLF)	month			\$96.00	
	Tier 2 (6.26-12.50 MLF)	month			\$168.00	
	Tier 3 (12.51-18.75 MLF)	month			\$264.00	
	Tier 4 (18.76-25.00 MLF)	month			\$396.00	
	Tier 5 (>25.01 MLF)	month			\$1,200.00	
Services						
	Campus Envelopes	month			7% of mail stop fee	
	Mail Code Account Fee	month			\$7.20	

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	Mail Service (US Postage)	each		26%MU		
	Mail Service - Expedited	each		26%MU		
	Mail Stop Second Delivery	each		\$7.20		
	Non-Standard Mail Delivery and AM Priority Mail Delivery					
	<5 lbs	each		\$1.50		
	6-15 lbs	each		\$2.50		
	16-25 lbs	each		\$3.50		
	26-35 lbs	each		\$4.50		
	36-45 lbs	each		\$5.50		
	46-55 lbs	each		\$6.50		
	>56 lbs	each		\$7.50		
	On Campus Distributions					
	General (285pc) \$10 base + 0.01/ea	each		\$12.85		
	Faculty (885pc) \$10 base + 0.01/ea	each		\$18.85		
	Staff (2,325pc) \$10 base + 0.01/ea	each		\$33.25		
	Faculty & Staff (3,210pc) \$10 base + 0.01/ea	each		\$42.10		
	Tabloid Distribution					
	General (285pc) \$15 base + 0.01/ea	each		\$17.85		
	Faculty (885pc) \$15 base + 0.01/ea	each		\$23.85		
	Staff (2,325pc) \$15 base + 0.01/ea	each		\$38.25		
	Faculty & Staff (3,210pc) \$15 base + 0.01/ea	each		\$47.10		
	Copier Program & Printing Services					
	Addressing					
	Preparation 0.5 hr minimum, then by 0.25 hr	.5 hour	\$30.00			
	1-250	each	\$0.30			
	251-500	each	\$0.20			
	501-1000	each	\$0.12			
	1001-3000	each	\$0.05			
	3001+	each	\$0.03			
	Copier Program					
	Copier Program Card Replacement	each	\$15.00			
	Copies - Black - Cash	copy	\$0.15			
	Copies - Black - Debit	copy	\$0.08			
	Copies - Black - Recharge	copy	\$0.06			
	Copies - Color - Recharge	copy	\$0.18			
	Copies- Color- Debit	copy	\$0.24			
	Digital Copy Express Services					
	Copies - Black	copy	\$0.06-.17			
	Copies - Color	copy	\$0.39-1.00			
	Printing Services					
	Hourly Rate	hour	\$60.00			
	Assembly: 0.5 hr minimum, then by 0.25hr	.5 hr	\$30.00			
	X-33 Large Format Printing (UV/LED ink)	each				
	Setup		\$10.00			
	Per sq. ft.		\$2.50			
	Substrate		cost x 1.26			
	Finishing					
	Set-Up	each	\$15.00			
	Folding	each	\$0.08			
	Inserting	each	\$0.04			
	Tabs	each	\$0.05			
	Perforate	each	\$0.03			
	Seal	each	\$0.03			
	Stamp	each	\$0.03			
	Lamination: Letter	each	\$1.75			
	Lamination: Tabloid	each	\$2.75			
	Lamination: 24" Roll	per sq ft	\$2.00			

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	Coil Small	each	\$2.60			
	Coil Large	each	\$3.60			
	Comb Small	each	\$1.60			
	Comb Large	each	\$2.60			
	Tape Small	each	\$1.60			
	Tape Large	each	\$2.60			
	Saddle Stitch (Booklet)	each	\$0.30			
	3hole Punch / Staple	each	\$0.02			
	NCR Padding	each	\$0.01			
	Cutting	each	\$5.00			
	Business Cards					
	Business Cards (250)	250	\$59.00			
	Business Cards (500)	500	\$77.00			
	Business Cards (1000)	1000	\$99.00			
	Course Reader/ E-Reader (Professor Publishing)	page	\$0.07			
	Course Readers Shipping		\$8.99			
	Livescan Fingerprinting					
	DOJ Charges	each	\$32.00			
	FBI Charge	each	\$17.00			
	Fingerprint Fee	set	\$30.00			
	Moving & Surplus Services					
	Equipment Rental					
	Flag Sets (Fed, CA, UC)	set	\$5.00			
	Folding Tables	each	\$7.50			
	Labor - Additional Person	hour	\$55.00			
	Labor - One Person, Including Van	hour	\$75.00			
	Lecterns With or Without University Seal	day	\$10.00			
	Plastic Folding Chairs	each	\$0.80			
	Portable Coat Racks	month	\$5.00			
	Poster Display Board	each	\$15.00			
	Stanchions With Ropes	order	\$15.00			
	Moving Services					
	Additional Person	hour	\$55.00			
	One Person, Including Van	hour	\$75.00			
	Two persons, including van	hour	\$130.00			
	Student	hour	\$24.00			
	Surplus Sales					
	Up to \$100	sale	100% of Sales			
	\$101 to \$1,000	sale	50% of Sales			
	\$1,001 to \$5000	sale	25% of Sales			
	over \$5,000	sale	Negotiable			
	Payment Card Merchant Fees					
	Standard Support Services					
	PCI-DSS SAQ-type A Merchants	fixed		\$2,138.00		
	PCI-DSS SAQ-type B Merchants	fixed		\$2,746.00		
	PCI-DSS SAQ-type P2PE Merchants	fixed		\$2,446.00		
	Fully outsourced processing service merchants	fixed		\$560.00		
	Physical Planning, Development and Operations (PPDO)					
	<i>Physical & Environmental Planning Services, Design, Construction & Engineering Services and Work Management</i>					
	Inspector	hour		\$123.21		
	Project Manager - Associate	hour		\$117.20		
	Project Manager - Senior	hour		\$155.27		
	Surcharge on Consultant Project Managers	hour		\$27.00		
	Custodial Services					
	Custodial Services	hour		\$65.92		
	Student	hour		\$27.75		

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Division / Dept.	Service	Unit	Internal		External	
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<i>Fleet Services</i>						
Central Garage						
	Parts Surcharge	each	30%MU			
	Automotive Parts Purchase	each	\$1.00			
	Shop Labor - Heavy Duty	hour	\$116.40			
	Shop Labor - Light Duty	hour	\$111.75			
	Wash Station	1/2 hour	\$15.50			
	Sundry Consumables	each	\$5.00			
	Student Attendant	hour	\$15.50			
	Automotive Sublet Work		100%			
	Automotive Sublet Work Surcharge		25%			
Fees						
	Admin - Auxiliary Vehicles	year	\$66.00			
	Admin - Dept. Vehicles	year	\$528.00			
	Compliance Fee	hour	\$113.00			
	Coordination Fee	each	25%MU			
	Insurance Claim Handling	each	\$50.00			
	Smog Fee	each	\$51.50			
Fuel						
	Fuel	gallon	Cost			
	CNG - Natural Gas		\$3.19			
	Surcharge	gallon	\$0.33	+ 2% of invoice		
	Voyager Card Fee	each	\$6.00			
	Voyager Off-Site Fuel	each	100%			
Leased Vehicles						
	Admin Fee	year	\$528.00			
	Depreciation	year	Cost			
	Insurance	year	Cost			
Rental Vehicles						
	4 Passenger Sedan	day	\$46.35			
	4 Passenger Sedan	month	\$669.50			
	12 Passenger Van	day	\$87.55			
	12 Passenger Van	month	\$1,030.00			
	Cargo Van	day	\$61.80			
	Cargo Van	month	\$721.00			
	2 Passenger Stakebed Electric Cart	day	\$80.00			
	2 Passenger Stakebed Electric Cart	month	\$1,000.00			
<i>Grounds Tier</i>						
	Grounds Tier I	hour			\$107.86	
	Grounds Tier II	hour			\$83.51	
	Student Rate	hour			\$22.31	
<i>Refuse/Recycling Services</i>						
Refuse						
	Refuse/Recycling Service	pound			\$0.3439	
	Bulk Compost	pound			\$0.0665	
Roll-Off Box						
	20 Yard Container/3.0 tons	week			\$563.33	
	30 Yard Container/4.5 tons	week			\$770.43	
	40 Yard Container/4.5 tons	week			\$936.13	
<i>Building and Utility Services (Formerly Skilled Crafts)</i>						
	Skilled Crafts Tier I	hour			\$155.81	
	Skilled Crafts Tier II	hour			\$140.01	
	Skilled Crafts Tier III	hour			\$113.10	
	Program Management (Energy)	hour			\$136.42	
	Analyst (Energy)	hour			\$85.26	
	Student (B & US)	hour			\$17.00	

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	Student (Energy)	hour		\$21.00		
	Keys - CHES specific	each		\$5.03		
	Keys-Primus	each		\$15.57		
	Keys-Regular	each		\$12.29		
	Transportation and Parking Services (TAPS)					
	<i>Charter Services</i>					
	Driver	hour		\$55.00		
	Vehicle	hour		\$68.00		
	<i>Parking Enforcement</i>					
	Lead Parking Officer	hour		cost		
	Parking Officer	hour		cost		
	University Police					
	Police Officer	hour		\$99.02		
	Police Sergeant	hour		\$140.87		
	Lead Dispatcher	hour		\$89.97		
	Dispatcher	hour		\$73.60		
	Student Ambassadors	hour		\$16.27		
Global Engagement						
	J- 1 Research Scholar Processing	each		\$500.00		
	J-1 Scholars Extension	each		\$250.00		
	H-1B Processing	each		\$2,000.00		
Information Technology Services						
	<i>800 MHz Radio Service</i>					
	Backbone Radio Service	year		\$150.00		
	Radio Programming	hour		\$64.00		
	Radio Rental	day		\$5.00		
	Setup Charge	rental		\$15.00		
	<i>Data Center</i>					
	Cohesity Backup Rate (Total GB per server based on usage)					
	<100 GB	year				
	Data Protect	year		\$144.00		
	Smart Files	year		\$144.00		
	Archive	year		\$12.00		
	101GB - 500GB	year				
	Data Protect	year		\$300.00		
	Smart Files	year		\$300.00		
	Archive	year		\$60.00		
	501 GB - 1 TB	year				
	Data Protect	year		\$780.00		
	Smart Files	year		\$420.00		
	Archive	year		\$84.00		
	> 1 TB	year				
	Data Protect	year		\$1,020.00		
	Smart Files	year		\$540.00		
	Archive	year		\$168.00		
	Load Balancers	VIPS		Cost		
	Managed Services	hour		\$55.00		
	VM Storage (See below)	GB				
	VM Storage Standard	GB		\$1.22		
	VM Storage Performance	GB		\$4.08		
	VM Base (1 CPU & 1GB RAM)	year		\$600.00		
	VM Incremental (additional CPU and/or GB RAM)	year		\$72.00		
	<i>Media Services</i>					
	Labor					
	Classroom & Special Events Labor Rate	hour		\$92.00		2 X Base

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			Federal Rate	Non-Federal Rate	External Rate	External Profit
	Media Installation and Maintenance Labor Rate	hour		\$84.00	2 X Base	
	Media System Design and Software Dev Rate	hour		\$92.00	2 X Base	
	Student Labor	hour		\$21.00	2 X Base	
	Video Production Services					
	Camera, High-End	hour		\$20.00	2 X Base	
	Video Shoot, CamCorder (2hr min.)	hour		\$15.00	2 X Base	
	Misc Cables & Supplies	each		Cost	2 X Base	
	Webcasting Equipment	hour		\$50.00	2 X Base	
	Video Light Kit	hour		\$10.00	2 X Base	
	Video Conference Cancellation Fee	each		\$40.00	2 X Base	
	Video Conference Line Use	hour		\$40.00	2 X Base	
	Web Archiving					
	Web Archiving (per 1-hour video)	Annual		\$80.00	2 X Base	
	Video Post Production & Services					
	Duplication, Video (materials not included)	hour		\$8.00	2 X Base	
	Duplication, Video (short notice) (materials not included)	hour		\$12.00	2 X Base	
	Editing, Non-linear, Digital (w/staff)	hour		\$95.00	2 X Base	
	Music, Production	cut		\$10.00	2 X Base	
	Recording, Off Air	hour		\$16.00	2 X Base	
	Standards Conversion (materials not included)	hour		\$26.00	2 X Base	
	Standards Conversion (short notice) (materials not included)	hour		\$32.00	2 X Base	
	Satelite Downlink	quote by staff		quote by staff	2 X Base	
	Videoconferencing (IP Transmission)	hour		\$40.00	2 X Base	
	Videoconferencing Cancellation Fee (flat fee)	hour		\$40.00	2 X Base	
	ISDN Audio Connection Production Services					
	ISDN Audio Connection Production	hourly		\$40.00	2 X Base	
	Audio Equipment Rental					
	Assistive Listening Device	day		\$6.00	2 X Base	
	Audio Player/Recorder (CD)	day		\$9.00	2 X Base	
	Conferencing System, Telephone	day		\$25.00	2 X Base	
	Speaker	day		\$15.00	2 X Base	
	Microphone	day		\$11.00	2 X Base	
	Microphone, Wireless	day		\$21.00	2 X Base	
	Mixer, Audio	day		\$20.00	2 X Base	
	Phonograph	day		\$5.00	2 X Base	
	Sound System, Small Event	day		\$69.00	2 X Base	
	Sound System, Large Event	day		\$95.00	2 X Base	
	Sound System, Handheld	day		\$15.00	2 X Base	
	Transcribing Unit	day		\$9.00	2 X Base	
	Digital Audio Player/Recorder	day		\$15.00	2 X Base	
	Visual Equipment Rental					
	Video Camcorder	day		\$30.00	2 X Base	
	Digital Camera, still	day		\$15.00	2 X Base	
	Digital SLR Camera, still	day		\$30.00	2 X Base	
	Camera, 35mm	day		\$10.00	2 X Base	
	Easel (does not include easel pads)	day		\$5.00	2 X Base	
	Laser Disc Player	day		\$21.00	2 X Base	
	Pointer, Laser	day		\$10.00	2 X Base	
	Projector, 16mm Film	day		\$21.00	2 X Base	
	Projector, 35mm Slide	day		\$21.00	2 X Base	
	Document Camera	day		\$15.00	2 X Base	
	Projector, Overhead	day		\$21.00	2 X Base	
	Screen Portable	day		\$15.00	2 X Base	
	Screen, Fast Fold (6' x 8')	day		\$35.00	2 X Base	
	Slide, Radio Remote	day		\$15.00	2 X Base	
	Tripod	day		\$15.00	2 X Base	
	VCR & Monitor 10" (VHS)	day		\$20.00	2 X Base	

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Division / Dept.	Service	Unit	Internal		External	
			Federal Rate	Non-Federal Rate	External Rate	External Profit
	Video Player/Recorder (DVD, VHS)	day		\$15.00		2 X Base
	Vidor Player/Recorder, Foreign Staddard (DVD, VHS)	day		\$35.00		2 X Base
	Classroom Lecture Halls					
	Audio Player/Recorder (CD)	day		\$9.00		2 X Base
	Computers, Installed	day		\$75.00		2 X Base
	Document Camera	day		\$21.00		2 X Base
	Projector, Film, 16mm	day		\$21.00		2 X Base
	Projector, Film, 35mm	day		\$150.00		2 X Base
	Projector, Overhead	day		\$21.00		2 X Base
	Projector, Slide	day		\$21.00		2 X Base
	Sound System	day		\$36.00		2 X Base
	Video Player (DVD, VHS)	day		\$15.00		2 X Base
	Vidor/Data Projector	day		\$110.00		2 X Base
	Accessories Rental					
	Adapter	day		\$3.00		2 X Base
	Cable, Microphone	day		\$3.00		2 X Base
	Cart or Stand	day		\$3.00		2 X Base
	Headphones	day		\$3.00		2 X Base
	Microphone Stand	day		\$3.00		2 X Base
	Scaffolding	day		\$65.00		2 X Base
	Slide accessories	day		\$3.00		2 X Base
	Scantron Use	hour		\$10.00		2 X Base
	Computing					
	DVD Burner	day		\$15.00		2 X Base
	Computer, Laptop	day		\$53.00		2 X Base
	Computer Speakers (one pair)	day		\$5.00		2 X Base
	Monitor, Computer/Video	day		\$20.00		2 X Base
	Wireless Mouse/Presentation Remote	day		\$8.00		2 X Base
	Analog to Digital Converter	day		\$9.00		2 X Base
	Supplies					
	Lamps, Projection	ea		cost		2 X Base
	Tape, Audio	ea		cost		2 X Base
	Tape, Video	ea		cost		2 X Base
	Other					
	Late Return Charge	day		\$10.00		2 X Base
	Network & Telephone Services (NTS-MACs)					
	Projects Materials TIU	each		Cost + 1%		
	Billing Passthrough	each		Cost + 5.4%		
	Project Materials	each		Cost + 7.2%		
	Service Order Contract Labor & Equip.	each		Cost + 10.0%		
	Equipment					
	Analog Single Line Telephone (SLW)	each		\$43.00		
	Analog SLD telephone	each		\$45.00		
	Digital Telephone - 14 button (avg)	each		\$263.00		
	Digital Telephone - 24 button (avg)	each		\$386.00		
	Line-to-Line Adaptor	each		\$3.00		
	Modular Line-cord Connector	each		\$3.00		
	Phone Handset Cord - 12ft	each		\$3.00		
	Phone Handset Cord - 25ft	each		\$3.00		
	Phone Line Cord - 7ft	each		\$2.00		
	Phone Line Cord - 14ft	each		\$3.00		
	Phone Line Cord - 25ft	each		\$3.00		
	Y Adaptor Purchase	each		\$2.00		
	VOIP Standard (67371) Equipment	each		\$220.00		
	VOIP Enhance (67391) Equipment	each		\$434.00		
	VOIP Conference (MiVoice 50006580) Equipment	each		\$822.00		
	VOIP Cordless (Base station & handset RFPSL35612D)	each		\$229.00		

2023-24 Approved Recharge Rates

Division / Dept.	Service	Unit	Internal		External	
			Federal Rate	Non-Federal Rate	External Rate	External Profit
	VOIP Cordless (Additional Handsets 612D) Equipment	each	\$251.00			
	VOIP Standard Phone (Updated Model)	each	\$296.00			
	VOIP Conference MiVoice 6970 (Updated Model)	each	\$572.00			
	VOIP Cordless (Base Station & Handset)	each	\$600.00			
	Feature Charge Fees (including the following)	each	\$22.00			
	Additional Directory Number					
	ADN Install Change					
	Auth Code Activations					
	Diversion Change					
	Phone Feature Change					
	Pickup Group Change					
	Personal Number Install					
	Unified Messaging Install					
	Voice Mail Change					
	Voice Mail Install					
	Softphone Service					
	MiCollab license and installation	each	\$212.00			
	Hourly Rates					
	Engineering	hour	\$130.00			
	Tech Hourly	hour	\$95.00			
	Events Package (incl. Labor and Material Kit)	each	\$1,400.00			
	Feature MRC Fee (Incl. the following)		\$24.00			
	Personal Number Number					
	Additional Directory Number					
	Admin Authorization Code Service					
	Auxiliary Number					
	Pilot Number					
	Auto Attendant	year	\$288.00			
	ACD Agent License Annual Maintenance + 10%	year	\$58.00			
	ACD Supervisor License Annual Maintenance + 10%	year	\$72.00			
	ACD SOLIDUS - Agent	year	\$265.00			
	ACD SOLIDUS - Supervisor	year	\$358.00			
	ACD Annual maintenance (Agent & Supv) +10%	year	\$35.00			
	Fiber Lease Strand	strand/year	\$1,340.00			
	Fiber Lease Strand External Customer	strand/year			\$2,680.00	
	Data Move/ADD/Change (Incl. the following)	each	\$93.00			
	Data Activation					
	Data Line Move					
	Field Change 10 to 100MB or 1000 Mb/S					
	Wiring Install	each	\$637.00			
	Wiring Install (2-3)	each	\$1,274.00			
	Analog/Digital Conversion (Incl. the following)		\$115.00			
	Analog to Digital Conversion	line				
	Digital to Analog Conversion	line				
	Digital to Digital Conversion	line				
	ACD Add/Change Agent	each	\$105.00			
	Bridge Disconnect	each	\$90.00			
	Bridge Install	each	\$95.00			
	Software Change	each	\$46.00			
	Telephone Line Install	line	\$127.00			
	Telephone Line Move	line	\$100.00			
	VOIP Activation	line	\$235.00			
	VOIP Move/Add /Change	line	\$122.00			
	Network - External Rates	line			\$150.00	
	Voice - External Rates	line			\$252.00	
	VOIP On-Going External Rates	line			\$402.00	
	ACD SOLIDUS MiCall Center	one time install	\$175.00			

2023-24 Approved Recharge Rates

Division / Dept.	Service	Unit	Internal		External	
			Federal Rate	Non-Federal Rate	External Rate	External Profit
Office of Research						
<i>Zebrafish Facility</i>						
	Husbandry - Row	each/day	\$4.20		+ F&A on-campus rate	37% mark-up +F&A on-campus rate
	Husbandry - Half-Row	each/day	\$2.10		+ F&A on-campus rate	37% mark-up +F&A on-campus rate
	Husbandry - Quarter Row	each/day	\$1.05		+ F&A on-campus rate	37% mark-up +F&A on-campus rate
	Zebrafish Embryos	cross	\$7.50		+ F&A on-campus rate	37% mark-up +F&A on-campus rate
Physical and Biological Sciences						
Natural Reserves						
<i>Big Creek Reserve</i>						
	Day use per person	day	\$2.00		+ F&A on-campus rate	
	Camping	night	\$10.00		+ F&A on-campus rate	
	Camping Long Term (14+ nights)	night	\$6.00		+ F&A on-campus rate	
	Housing	night	\$36.00		+ F&A on-campus rate	
	Housing Long Term (14+ nights)	night	\$20.00		+ F&A on-campus rate	
Research Laboratories						
<i>Ancient & Degraded DNA Processing Center</i>						
DNA Extraction						
	First	sample	\$656.00		+ F&A on-campus rate	
	Second - Sixteenth	sample	\$97.00		+ F&A on-campus rate	
NGS Library Prep						
	First	sample	\$461.00		+ F&A on-campus rate	
	Second - Sixteenth	sample	\$55.00		+ F&A on-campus rate	
MiSeq Run						
	150 cycle	run	\$1,897.00		+ F&A on-campus rate	
	600 cycle	run	\$2,694.00		+ F&A on-campus rate	
	Data Parsing & Evaluation Pipeline	hour	\$66.00		+ F&A on-campus rate	
	De-Multiplexing and Troubleshooting	each	\$66.00		+ F&A on-campus rate	
	Fragment Analyzer (HS NGS or Genomic Analysis, 12 samples)	unit	\$154.00		+ F&A on-campus rate	
Qubit						
	1st sample	sample	\$28.00		+ F&A on-campus rate	
	Additional Samples	sample	\$4.00		+ F&A on-campus rate	
qPCR Run						
	qPCR	run	\$275.00		+ F&A on-campus rate	
Bravo Screening Library Prep						
	Bravo Screening Library Prep- consumables only	plate	\$677.00		+ F&A on-campus rate	
aDNA Library Prep						
	Ancient DNA Capture 1st sample	sample	\$607.00		+ F&A on-campus rate	
	Ancient DNA Capture second to sixteenth sample	sample	\$112.00		+ F&A on-campus rate	
	Samples Shipping	each	Cost		+ F&A on-campus rate	
Single-Stranded DNA						
	First (per sample)	sample	\$580.00		+ F&A on-campus rate	
	Second-Sixteenth (per sample)	sample	\$59.00		+ F&A on-campus rate	
	First Spotlight Library Prep		\$419.00		+ F&A on-campus rate	
	Second-Sixteenth (per sample)	sample	\$28.00		+ F&A on-campus rate	
NextSeq						
	NextSeq 1000/2000 P1 Reagents (100 cycles)	run	\$1,547.00		+ F&A on-campus rate	
	NextSeq 1000/2000 P1 Reagents (300 cycles)	run	\$1,859.00		+ F&A on-campus rate	
	NextSeq 1000/2000 P1 Reagents (600 cycles)	run	\$2,642.00		+ F&A on-campus rate	
	NextSeq 1000/2000 P2 Reagents (100 cycles) v3	run	\$2,071.00		+ F&A on-campus rate	
	NextSeq 1000/2000 P2 Reagents (200 cycles) v3	run	\$3,400.00		+ F&A on-campus rate	
	NextSeq 1000/2000 P2 Reagents (300 cycles) v3	run	\$4,325.00		+ F&A on-campus rate	
	NextSeq 1000/2000 P2 300M Reagents (600 cycles)	run	\$4,887.00		+ F&A on-campus rate	
	NextSeq 2000 P3 Reagents (50 cycles)	run	\$2,954.00		+ F&A on-campus rate	
	NextSeq 2000 P3 Reagents (100 cycles)	run	\$4,017.00		+ F&A on-campus rate	
	NextSeq 2000 P3 Reagents (200 cycles)	run	\$5,346.00		+ F&A on-campus rate	

2023-24 Approved Recharge Rates

Division / Dept.	Service	Unit	Internal		External	
			Federal Rate	Non-Federal Rate	External Rate	External Profit
	NextSeq 2000 P3 Reagents (300 cycles)	run	\$6,941.00		+ F&A on-campus rate	
	Environmental DNA					
	First Environmental DNA Extraction	extraction	\$653.00		+ F&A on-campus rate	
	Second to Sixteenth Environmental DNA Extraction	extraction	\$96.00		+ F&A on-campus rate	
	First Metabarcoding PCR	sample	\$269.00		+ F&A on-campus rate	
	Second to Sixteenth Metabarcoding PCR	sample	\$69.00		+ F&A on-campus rate	
	CaleDNA Pipeline	sample	\$172.00		+ F&A on-campus rate	
	CaleDNA Pipeline Triple Index	sample	\$293.00		+ F&A on-campus rate	
	New Primer Set Annealing Optimization	unit	\$212.00		+ F&A on-campus rate	
	Omnic Library					
	Omnic Library Preparation: 1st sample	sample	\$1,799.00		+ F&A on-campus rate	
	Omnic Library Preparation: 2nd-8th sample	sample	\$842.00		+ F&A on-campus rate	
	Omnic Library Prep from non-cell culture 1st sample	sample	\$2,009.00		+ F&A on-campus rate	
	Omnic Library Prep from non-cell culture 2nd-8th sample	sample	\$887.00		+ F&A on-campus rate	
	Omnic Library Preparation-Service Only	sample	\$1,463.00		+ F&A on-campus rate	
	Nuclear Isolation	sample	\$244.00		+ F&A on-campus rate	
	E&PS Powder Diffractometer					
	Panalytical Xpert Pro Powder Diffractometer					
	Unassisted XRD use	hour	\$20.00		+ F&A on-campus rate	
	Assisted XRD use	hour	\$50.00		+ F&A on-campus rate	
	Sample preparation	sample	\$20.00		+ F&A on-campus rate	
	Phase ID	sample	\$70.00		+ F&A on-campus rate	
	Semi-quantitative analysis	sample	\$90.00		+ F&A on-campus rate	
	Field-Emission Scanning Electron Microscopy (FESEM) Lab					
	FESEM Microscope Use	hour	\$55.00		+ F&A on-campus rate	5 X Base
	Chemical Screening Center					
	Non-Integrated Equipment	hour	\$35.00		+ F&A on-campus rate	2 X Base
	Explorer robot	hour	\$55.00		+ F&A on-campus rate	2 X Base
	Phenix imager	hour	\$55.00		+ F&A on-campus rate	2 X Base
	Incubator	experiment	\$10.00		+ F&A on-campus rate	2 X Base
	Staff Time	hour	\$45.00		+ F&A on-campus rate	2 X Base
	Analysis Workstations (MetaXpress, Harmony, Spotfire Software)	hour	\$10.00		+ F&A on-campus rate	2 X Base
	Image Artist Workstation	hour	\$25.00		+ F&A on-campus rate	2 X Base
	Image Data Storage per TB	month	\$10.00		+ F&A on-campus rate	2 X Base
	Chemical Library .Sul Cherry Pick	compound	\$10.00		+ F&A on-campus rate	2 X Base
	Supplies	per restock	\$1.00		+ F&A on-campus rate	2 X Base
	Assay reagents	per restock	\$1.00		+ F&A on-campus rate	2 X Base
	Cell Line	per plate	\$5.00		+ F&A on-campus rate	2 X Base
	Data Analysis	hour	\$35.00		+ F&A on-campus rate	2 X Base
	Equipment Set-up	hour	\$35.00		+ F&A on-campus rate	2 X Base
	Bioactives Library Use in Screen	screen	\$300.00		+ F&A on-campus rate	2 X Base
	ChemDiv Library Use in Screen	screen	\$500.00		+ F&A on-campus rate	2 X Base
	Legacy Library Use in Screen	screen	\$100.00		+ F&A on-campus rate	2 X Base
	Full-Service (surcharges and discounts below apply)	assay plate	\$250.00		+ F&A on-campus rate	2 X Base
	Complexity surcharge (per dispensing, washing or dimension imaging steps)		\$25.00		+ F&A on-campus rate	2 X Base
	Large volume discount (more than 4 assay plates in one screen)		-25%			
	Large volume discount (more than 20 assay plates in one screen)		-50%			
	Large volume discount (more than 100 assay plates in one screen)		-75%			
	CRISPR Core Facility					
	Genome-wider CRISPR screening	screen	\$16,809.60		+ F&A on-campus rate	2 X Base
	Custom gRNA design and cloning	2 guides	\$283.66		+ F&A on-campus rate	2 X Base
	Lentivirus mini	2ml	\$36.77		+ F&A on-campus rate	2 X Base
	Lentivirus maxi	25 ml	\$131.33		+ F&A on-campus rate	2 X Base
	CRISPR Cell Line	cell line	\$1,365.78		+ F&A on-campus rate	2 X Base
	Technical Assistance	hour	\$98.76		+ F&A on-campus rate	2 X Base
	KO Cell line	cell line	\$275.01		+ F&A on-campus rate	2 X Base
	Cryo-Electron Microscopy Facility					

2023-24 Approved Recharge Rates

Division / Dept.	Service	Unit	Internal		External	
			Federal Rate	Non-Federal Rate	External Rate	External Profit
	Glacios Use Assisted	hour	\$70.00		+ F&A on-campus rate	2 X Base
	Glacios Use Unassisted	hour	\$42.00		+ F&A on-campus rate	2 X Base
	Facility Manager Assistance	hour	\$80.00		+ F&A on-campus rate	2 X Base
	Cryo-sample preparation	grid	\$24.00		+ F&A on-campus rate	2 X Base
	Storage & Management (terabytes per)	month	\$40.00			
	Sample Preparation (session= 2 hours)	session	\$50.00			
<i>Greenhouse</i>						
	Indoor Greenhouse per bench	month	\$15.00		\$23.10	\$255.00
	Outdoor Greenhouse per bench	month	\$5.00		\$7.70	\$85.00
	Growth Chamber	month	\$65.00		\$100.10	\$130.00
	Incubator	month	\$35.00		\$53.90	\$70.00
	Cleaning Fee	hour	\$20.00		\$30.80	\$40.00
	Transplanting	hour	\$20.00		\$30.80	\$40.00
	Watering (beyond standard care)	hour	\$20.00		\$30.80	\$40.00
	Greenhouse Director	hour	\$63.00		\$97.02	\$126.00
	Greenhouse Manager	hour	\$42.00		\$64.68	\$84.00
	Greenhouse Student Labor	hour	\$20.00		\$30.08	\$40.00
	Materials	cost			+ F&A on-campus rate	2 x base
	Delivery Fee plus actual mileage cost	hour	\$57.00		\$87.78	\$114.00
	Delivery Fee (Mileage @ current travel rate)*		\$0.58		\$0.58	\$0.58
	*Delivery fees (hourly and mileage) to be combined when charged					
<i>Light Microscopy Center</i>						
	Technical Assistance	hour	\$51.84		\$73.92	\$147.84
<i>Equipment Use</i>						
	Microscopy Materials	ea	\$1.00		+ F&A on-campus rate	2 X Base
	JEOL TEM 1230	hr	\$49.44		+ F&A on-campus rate	2 X Base
	Leica Confocal (SP5)	hour	\$26.52		+ F&A on-campus rate	2 X Base
	Leica Confocal (SP5)	day	\$424.36		+ F&A on-campus rate	2 X Base
	Leica Widefield	hour	\$9.33		+ F&A on-campus rate	2 X Base
	Keyance Widefield	hour	\$7.73		+ F&A on-campus rate	2 X Base
	Zeiss Axioimager	hour	\$9.33		+ F&A on-campus rate	2 X Base
	Zeiss Axioimager	day	\$144.96		+ F&A on-campus rate	2 X Base
	Zeiss Axiozoom	hour	\$9.33		+ F&A on-campus rate	2 X Base
	Zeiss Axiozoom	day	\$144.96		+ F&A on-campus rate	2 X Base
	Zeiss Live Cell	hour	\$9.33		+ F&A on-campus rate	2 X Base
	Zeiss Live Cell	day	\$74.64		+ F&A on-campus rate	2 X Base
	Zeiss 880 Confocal	hour	\$29.18		+ F&A on-campus rate	2 X Base
	Zeiss 880 Confocal	day	\$466.80		+ F&A on-campus rate	2 X Base
	2-photon Microscope	hour	\$29.18		+ F&A on-campus rate	2 X Base
	2-photon Microscope	day	\$175.05		+ F&A on-campus rate	2 X Base
	Solamere Spinning Disk Confocal	hour	\$15.00			
	Solamere Spinning Disk Confocal	day	\$240.00			
<i>Light Stable Isotope Mass Spectrometer (SIMS)</i>						
	Assisted rate	sample	\$5.00		+ F&A on-campus rate	2 X Base
	Amino Acid Sample Prep	sample	\$65.00		+ F&A on-campus rate	2 X Base
	Dual Inlet	analysis	\$13.00		+ F&A on-campus rate	2 X Base
	Dual Inlet (ready to measure)	analysis	\$11.00			
	Elemental Analyzer - Assisted	analysis	\$15.99		+ F&A on-campus rate	2 X Base
	Elemental Analyzer	sample	\$6.00		+ F&A on-campus rate	2 X Base
	Elemental Analyzer - Enriched	analysis	\$7.00		+ F&A on-campus rate	2 X Base
	Elemental Analyzer - SSSF	analysis	\$8.00		+ F&A on-campus rate	2 X Base
	Elemental Analyzer - Sulfur	analysis	\$20.00			
	Elemental Analyzer - Macro	analysis	\$12.00			
	Gas Chromotography	sample	\$55.00		+ F&A on-campus rate	2 X Base
	Gas Chromotography- standard prep	sample	\$250.00			
	Gas Chromotography - Assisted	sample	\$100.00		+ F&A on-campus rate	2 X Base
	Gas Chromotography - Training	each	\$180.00		+ F&A on-campus rate	2 X Base

2023-24 Approved Recharge Rates

Division / Dept.	Service	Unit	Internal		External	
			Federal Rate	Non-Federal Rate	External Rate	External Profit
	Gas Chromotography - Full Prep	sample	\$315.00		+ F&A on-campus rate	2 X Base
	Gas Chromotography - Research Independent	week	\$450.00		+ F&A on-campus rate	2 X Base
	Gas Chromotography - Research Supervision	hour	\$33.00		+ F&A on-campus rate	2 X Base
	Sample Weighing	sample	\$2.00		+ F&A on-campus rate	2 X Base
	Sample Prep	sample	\$3.00			
	Liquid Chromotography	sample	\$11.00		+ F&A on-campus rate	2 X Base
	Liquid Chromotography u-EA	analysis	\$6.00		+ F&A on-campus rate	2 X Base
	Liquid Chromotography u-EA Assisted	analysis	\$10.50		+ F&A on-campus rate	2 X Base
	Nanomolar Scale Elemental Analyzer	sample	\$13.00		+ F&A on-campus rate	2 X Base
	ThermoChemical Elemental Analyzer (TCEA)	analysis	\$13.00		+ F&A on-campus rate	2 X Base
	TCEA - Assisted	analysis	\$25.49		+ F&A on-campus rate	2 X Base
	Auto Solvent Extract					
	Extraction	sample	\$1.25		+ F&A on-campus rate	2 X Base
	Water GFF	sample	\$0.33		+ F&A on-campus rate	2 X Base
	Water N2 Dry	sample	\$10.00		+ F&A on-campus rate	2 X Base
	Gas Bench					
	Carbonate	sample	\$13.00		+ F&A on-campus rate	2 X Base
	N2O Extraction	sample	\$30.00		+ F&A on-campus rate	2 X Base
	Water DIC	sample	\$13.00		+ F&A on-campus rate	2 X Base
	Water HO	sample	\$13.00		+ F&A on-campus rate	2 X Base
	Water N2O	sample	\$13.00		+ F&A on-campus rate	2 X Base
	Picaro					
	Water HO	sample	\$5.00		+ F&A on-campus rate	2 X Base
	Water HO	injection	\$1.00			
	Macromolecular Structure and Function Core facility (MSFCF)					
	Gryphon / Phoenix Dropsetter	plate	\$30.00		+ F&A on-campus rate	2 X Base
	Gryphon / Phoenix Dropsetter with Screen	plate	\$55.00		+ F&A on-campus rate	2 X Base
	Scorpion Screen Maker	block	\$50.00		+ F&A on-campus rate	2 X Base
	Microval VP-ITC	day	\$50.00		+ F&A on-campus rate	2 X Base
	Jasco CD	hour	\$10.00		+ F&A on-campus rate	2 X Base
	FPLC/Multi-angle Light Scattering	day	\$10.00		+ F&A on-campus rate	2 X Base
	Chromatography column use	day	\$25.00		+ F&A on-campus rate	2 X Base
	Facility Manager Assistance	hour	\$75.00		+ F&A on-campus rate	2 X Base
	Art Robbins Intelliplate	plate	\$8.00		+ F&A on-campus rate	2 X Base
	Crystallization Screen	plate	\$20.00		+ F&A on-campus rate	2 X Base
	Hampton VDX Plate	plate	\$8.00		+ F&A on-campus rate	2 X Base
	Deep Well Block	block	\$3.00		+ F&A on-campus rate	2 X Base
	Axygen 1000 Tips	rack	\$10.00		+ F&A on-campus rate	2 X Base
	Axygen 200 Tips	rack	\$8.00		+ F&A on-campus rate	2 X Base
	Octet Red 96e Instrument Use	half day	\$10.00		+ F&A on-campus rate	2 X Base
	Octet Red 96e tips	each	\$10.00		+ F&A on-campus rate	2 X Base
	Marine Analytical Lab					
	TOC/TN (total organic carbon/total nitrogen)	hour	\$4.00			
	Carbon Coulometer	hour	\$2.00			
	Ion Chromatography	hour	\$3.00			
	Nutrient Analyzer	hour	\$3.00			
	Membrane Inlet Mass Spectrometry	hour	\$1.00			
	Mass Spectrometry Facility					
	Thermo Finnigan (LTQ)					
	Full Service	hour	\$70.00		+ F&A on-campus rate	
	Partial Service	hour	\$40.00		+ F&A on-campus rate	
	Self Service	hour	\$20.00		+ F&A on-campus rate	
	Orbitrap					
	Full Service	hour	\$100.00		+ F&A on-campus rate	
	Partial Service	hour	\$60.00		+ F&A on-campus rate	
	Self Service	hour	\$30.00		+ F&A on-campus rate	
	Protein ID					
		each	\$100.00		+ F&A on-campus rate	

2023-24 Approved Recharge Rates

Division / Dept.	Service	Unit	Internal		External	
			Federal Rate	Non-Federal Rate	External Rate	External Profit
<i>Nuclear Magnetic Resonance (NMR) Facility</i>						
	Varian Inova 600 Samples					
	Assisted	hour	\$10.00		\$15.40	\$100.00
	Partially Assisted	hour	\$7.00		\$10.78	
	Unassisted	hour	\$5.00		\$7.70	
	Bruker 500					
	Assisted	hour	\$15.00		\$23.10	\$75.00
	Partially Assisted	hour	\$8.50		\$13.09	
	Unassisted	hour	\$7.50		\$11.55	
	Bruker 800					
	Assisted	hour	\$20.00		\$30.80	\$200.00
	Partially Assisted	hour	\$10.50		\$16.17	
	Unassisted	hour	\$8.50		\$13.09	
	Facility Manager Assistance	hour	\$35.00		\$53.90	
<i>Organic Geochemistry Lab</i>						
	Dionex ASE 30ml lipid extraction	sample	\$11.25		+ F&A on-campus rate	2 X Base
	Dionex ASE 60ml lipid extraction	sample	\$13.00		+ F&A on-campus rate	2 X Base
	Sonication Extraction	sample	\$9.50		+ F&A on-campus rate	2 X Base
	Lipid Purification (silica gel , aminopropyl, copper, sodium sulfat	column	\$6.00		+ F&A on-campus rate	2 X Base
	Lipid Derivatization (methylation, silylation, acetylation)	derivitization	\$2.50		+ F&A on-campus rate	2 X Base
	Gas Chromotography GC-FID	injection	\$11.50		+ F&A on-campus rate	2 X Base
	Gas Chromotography GC-MSD	injection	\$15.50		+ F&A on-campus rate	2 X Base
	Gas Chromatography 2D-GC-TOF-MS)	injection	\$20.50		+ F&A on-campus rate	2 X Base
	Gas Chromatography GC-TOF-MS	injection	\$15.50		+ F&A on-campus rate	2 X Base
	Sample Processing: cleaning, crushing, weighing	hour	\$16.06		+ F&A on-campus rate	2 X Base
	Sample Preparation: lipid extraction, purification, preparation f	hour	\$25.00		+ F&A on-campus rate	2 X Base
	Technician Services	hour	\$85.00		+ F&A on-campus rate	2 X Base
<i>Plasma Analytical Facility</i>						
	ICPMS					
	Assisted	hour	\$84.00		\$134.40	\$234.40
	Unassisted	hour	\$24.00		\$38.40	
	ICPOS					
	Assisted	hour	\$67.67		\$108.27	\$208.27
	Unassisted	hour	\$12.25		\$19.60	
	Laser Ablation	hour	\$16.50		\$42.90	\$142.90
<i>W.M. Keck Isotope Facility</i>						
	Neptune Lab					
	Assisted	sample	\$95.00		\$152.00	\$304.00
	Unassisted	hour	\$55.00		\$88.00	
	Unassisted Joint User	hour				\$250.00
	TIMS Lab					
	Assisted	analysis	\$90.00		\$144.00	\$288.00
	Unassisted	analysis	\$60.00		\$96.00	
	Unassisted Joint User					\$200.00
	Wet Chem Lab					
	Unassisted	day	\$50.00		\$80.00	\$160.00
	External Unassisted Joint User	day				\$55.00
	Sample Prep Simple Unassisted	sample	\$6.00		\$10.00	\$20.00
	Sample Prep Complex Unassisted	sample	\$11.00		\$18.00	\$36.00
	Sample Prep Assisted	sample	\$71.00		\$114.00	\$228.00
	Automated Sample Purify	day	\$250.00		\$400.00	
	Additional Labor	hour	\$160.00		\$256.00	\$512.00
<i>Single-Crystal X-Ray Diffraction Lab</i>						
	Single Crystal X-ray Diffractometer Synergy					
	Full Data Set - selection, collection & refinement	hour	\$20.00		\$31.80	\$80.00
	Data set - full sphere X-ray reflections	hour	\$20.00		\$31.80	\$80.00
	Matrix- screening	hour	\$20.00		\$31.80	\$120.00

2023-24 Approved Recharge Rates

Division / Dept.	Service	Unit	Internal		External	
			Federal Rate	Non-Federal Rate	External Rate	External Profit
X-Ray Diffraction Lab						
	Powder Diffractometer					
	Analysis	hour	\$10.00		\$18.40	\$40.00
	Powder/Thin Film Diffractometer					
	Analysis	hour	\$20.00		\$30.80	\$80.00
Research Vessels & Vehicles						
IMS/LML Research Vessels						
	Fuel	hour	Cost + 10%		+ F&A on-campus rate	
	Skipper	hour	\$43.00		+ F&A on-campus rate	
	Sebastes Research Vessel	hour	\$45.00		+ F&A on-campus rate	
	Soquel Point Research Vessel	hour	\$45.00		+ F&A on-campus rate	
	Terrace Point Research Vessel	hour	\$13.00		+ F&A on-campus rate	
	Vellella Research Vessel	hour	\$13.00		+ F&A on-campus rate	
	Day Use Fee - Sebastes	day	\$25.00		+ F&A on-campus rate	
	Day Use Fee- Soquel Point	day	\$25.00		+ F&A on-campus rate	
	Day use Fee - Inflatable	day	\$40.00		+ F&A on-campus rate	
EEB Research Vehicles						
	Fuel	gallon	Cost			
	Vehicle 7254	mile	\$0.75			
	Vehicle 7429	mile	\$0.65			
	Vehicle 7504	mile	\$0.65			
Diving and Boat Safety Program						
Air Cylinder Refills						
	Motorboat Operator Training Course (per student, per day)	day	\$100.00			
	Internal Cylinder Refills (per tank)	each	\$6.50		+ F&A on-campus rate	
Social Sciences						
CISR GIS Lab						
	ArcGIS Web Mapping Service					
	Instance	each	\$2,000.00			
	Hosting	year	\$6,000.00			
	GIS					
	Cartographic Design	hour	\$67.00			
	Database Design	hour	\$67.00			
	Programming	hour	\$67.00			
	Lab Station	day	\$25.00			
	Laser Range Finder	day	\$50.00			
	Printing - Large Format					
	Matte	sq ft	\$5.00			
	Photo	sq ft	\$7.00			
	Server Disk Storage	GB	\$1.00			
	Technical Training	day	\$250.00			
	Trimble GeoXT/XH GPS	day	\$50.00			
Student Affairs and Success						
Career Success						
	Chancellor's Undergraduate Internship Program (CUIP)					
	Intern	intern		\$250.00		
Colleges, Housing and Educational Services						
Conference Services						
	Ticketing Services					
	Ticketing Personnel	hour		\$62.00		
	Vendor Ticket Service Fee	ticket		\$0.50		
	Ticket Office Service Fee	ticket		\$1.00		
	Credit Card Convenience Fee (pass thru)	ticket		4%MU		

2023-24 Approved Recharge Rates

Division / Dept.	Service	Unit	Internal		External	
			Federal Rate	Non-Federal Rate	External Rate	External Profit
UCO Observatories						
<i>Mt Hamilton Lodging Services</i>						
Lodging						
	Individual Room	bed	\$93.00		\$150.50	
	Hostel Room	bed	\$37.00		\$54.00	
<i>Technical Facilities</i>						
	Cost of Doing Business	hour	6.2% MU	7.1% MU		
	Non-Productive Working Time (NWK)	hour	16.85%MU			
Undergraduate Education						
Financial Aid						
<i>Work Study</i>						
	Work Study Admin Fee	month		10% of Wages		
University Relations						
<i>Online Community Merchant Fee</i>						
	Credit Card Merchant Fee	transaction		2%		