

Approved Service Center Rates

Aerospace and Ocean Engineering (0101)

Stability Wind Tunnel

HokieMart customers are required to debit (charge) account code 1244R when creating purchase orders.

Manager: William Devenport

Cost Accountant: Rob Blackley

		Banner Fund	Rate Per	Effective Date	Min/Max (in Dollars)	RATES (in Dollars)		
						Internal	External	Market
Occupancy	Assisted	230079	Hour	11/1/2022	na	336.000	538.000	0.000
	Unassisted	230079	Hour	11/1/2022	na	223.000	0.000	0.000

Approved Service Center Rates

Animal Care (0327)

Research Vivaria - Central

HokieMart customers are required to debit (charge) account code 1244R when creating purchase orders.

Manager: Erin Kinder

Cost Accountant: Rob Blackley

		Banner Fund	Rate Per	Effective Date	Min/Max (in Dollars)	RATES (in Dollars)		
						Internal	External	Market
Chickens	Housed in Isolators	230369	Isolator/Day	7/1/2024	na	15.140	24.380	0.000
Guinea Pigs	ABSL1, Conventional	230369	Animal/day	7/1/2024	na	3.730	6.000	0.000
Mice	ABSL1, Conventional	230369	Cage/day	7/1/2024	na	1.050	1.690	0.000
Mice, Hamsters	ABSL3	230369	Cage/day	7/1/2024	na	4.040	6.500	0.000
Pigs	ABSL2	230369	Animal/day	7/1/2024	na	10.590	17.050	0.000
Rats, Hamsters, Gerbils	ABSL1/2	230369	Cage/day	7/1/2024	na	2.730	4.390	0.000
Technical Activities	Basic	230369	Hour	7/1/2024	na	32.250	51.920	0.000
Transportation		230369	Mile	7/1/2024	na	0.210	0.330	0.000
Veterinary Activities	Basic	230369	Hour	7/1/2024	na	65.810	105.950	0.000

Approved Service Center Rates

Argicultural Research and Extension (0025)

Eastern Shore AREC Vehicle

HokieMart customers are required to debit (charge) account code 1244R when creating purchase orders.

Manager: Mark Reiter

Cost Accountant: Rob Blackley

	Banner Fund	Rate Per	Effective Date	Min/Max (in Dollars)	RATES (in Dollars)		
					Internal	External	Market
Vehicles	230570	Mile	2/1/2024	na	0.360	0.000	0.000

Approved Service Center Rates

BI - Operations (0358)

Biocomplexity Inst. Genomics Sequencing Center

HokieMart customers are required to debit (charge) account code 1244R when creating purchase orders.

Manager: Kirk Felton

Cost Accountant: Rob Blackley

	Banner Fund	Rate Per	Effective Date	Min/Max (in Dollars)	RATES (in Dollars)			
					Internal	External	Market	
Illumina	16S Amplicon Prep Library Prep	230267	Sample	9/1/2023	na	24.000	38.400	0.000
	Covaris Fragmention	230267	Sample	9/1/2023	na	22.000	35.200	0.000
	DNA Seq Library Prep	230267	Sample	9/1/2023	na	134.000	195.200	0.000
	Equipment Use: 10x	230267	Sample	9/1/2023	na	400.000	640.000	0.000
	Equipment Use: COVIDSeq Library Prep	230267	Sample	9/1/2023	na	14.090	22.540	0.000
	Equipment Use: MiSeq	230267	Sample	9/1/2023	na	164.000	262.400	0.000
	Equipment Use: NextSeq	230267	Run	9/1/2023	na	299.000	478.400	0.000
	Equipment Use: QPCR	230267	Sample	9/1/2023	na	10.000	16.000	0.000
	MiSeq Micro v2 300 Cycle Per Run	230267	Run	9/1/2023	na	725.000	831.800	0.000
	MiSeq Nano v2 300 Cycle Per Run	230267	Run	9/1/2023	na	595.000	727.000	0.000
	MiSeq Nano v2 500 Cycle Per Run	230267	Run	9/1/2023	na	660.000	790.200	0.000
	MiSeq v2 300 Cycle Cluster Gen. and Seq. Per Lane	230267	Run	9/1/2023	na	1,475.000	1,612.400	0.000
	MiSeq v2 50 Cycle Cluster Gen. and Seq. Per Run	230267	Run	9/1/2023	na	1,175.000	1,290.800	0.000
	MiSeq v2 500 Cycle Cluster Gen. and Seq. Per Lane	230267	Run	9/1/2023	na	1,650.000	1,801.800	0.000
	MiSeq v3 150 Cycle Cluster Gen. and Seq. Per Run	230267	Run	9/1/2023	na	1,275.000	1,388.400	0.000
	MiSeq v3 600 Cycle Cluster Gen. and Seq. Per Lane	230267	Run	9/1/2023	na	1,975.000	2,076.400	0.000
	mRNA Stranded Seq Library Prep	230267	Sample	9/1/2023	na	150.000	217.800	0.000

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Cost Accountant: Rob Blackley

	Banner Fund	Rate Per	Effective Date	Min/Max (in Dollars)	RATES (in Dollars)			
					Internal	External	Market	
ILLUMINA	Nanopore DNA Library Prep (1 sample/flowcell)	230267	Sample	9/1/2023	na	350.000	474.200	0.000
	Nanopore DNA Library Prep (Multiplexing Samples on 1 flowcell)	230267	Sample	9/1/2023	na	420.000	586.200	0.000
	NextSeq 1000 v3 P1 100 Cycles	230267	Sample	9/1/2023	na	1,179.000	1,329.000	0.000
	NextSeq 1000 v3 P1 300 Cycles	230267	Sample	9/1/2023	na	1,524.000	1,674.000	0.000
	NextSeq 1000 v3 P1 600 Cycles	230267	Sample	9/1/2023	na	2,167.000	2,317.000	0.000
	NextSeq 1000 v3 P2 100 Cycles	230267	Run	9/1/2023	na	1,727.000	1,877.000	0.000
	NextSeq 1000 v3 P2 200 Cycles	230267	Run	9/1/2023	na	2,992.000	3,142.000	0.000
	NextSeq 1000 v3 P2 300 Cycles	230267	Run	9/1/2023	na	3,874.000	4,024.000	0.000
	NextSeq 1000 v3 P2 600 Cycles	230267	Run	9/1/2023	na	4,172.000	4,322.000	0.000
	Nova Seq S1 v1.5 100 Cycle 100SR or 50PE	230267	Run	9/1/2023	na	4,950.000	5,515.200	0.000
	Nova Seq S1 v1.5 200 Cycle 100 PE	230267	Run	9/1/2023	na	6,050.000	6,653.600	0.000
	Nova Seq S1 v1.5 300 Cycle 150 PE	230267	Run	9/1/2023	na	6,475.000	7,084.600	0.000
	Nova Seq S2 v1.5 100 Cycle 50 PE	230267	Run	9/1/2023	na	9,250.000	10,269.400	0.000
	Nova Seq S2 v1.5 200 Cycle 100 PE	230267	Run	9/1/2023	na	11,150.000	12,221.000	0.000
	Nova Seq S2 v1.5 300 Cycle 150 PE	230267	Run	9/1/2023	na	11,875.000	13,008.400	0.000
	Nova Seq S4 Lane Split	230267	Run	9/1/2023	na	797.000	902.600	0.000
	Nova Seq S4 v1.5 200 Cycle 100 PE	230267	Run	9/1/2023	na	15,675.000	17,033.400	0.000

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BI - Operations (0358)

Biocomplexity Inst. Genomics Sequencing Center

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Manager: Kirk Felton

Cost Accountant: Rob Blackley

		Banner Fund	Rate Per	Effective Date	Min/Max (in Dollars)	RATES (in Dollars)		
						Internal	External	Market
ILLUMINA	Nova Seq S4 v1.5 300 Cycle 150 PE	230267	Run	9/1/2023	na	17,250.000	18,636.000	0.000
	Nova Seq S4 v1.5 35 Cycle	230267	Run	9/1/2023	na	12,900.000	14,572.200	0.000
	Nova Seq SP, S1, S2 Lane Split	230267	Run	9/1/2023	na	499.000	613.000	0.000
	NovaSeq SP v1.5 100 Cycle	230267	Run	9/1/2023	na	3,025.000	3,523.000	0.000
	NovaSeq SP v1.5 200 Cycle	230267	Run	9/1/2023	na	3,525.000	3,918.600	0.000
	NovaSeq SP v1.5 300 Cycle	230267	Run	9/1/2023	na	3,750.000	4,123.200	0.000
	NovaSeq SP v1.5 500 Cycle	230267	Run	9/1/2023	na	5,025.000	5,417.400	0.000
	QPCR of Investigator Libraries	230267	Sample	9/1/2023	na	21.000	31.200	0.000
	Small RNA Profiling Library Prep	230267	Sample	9/1/2023	na	165.000	205.200	0.000
	Specialized Services	230267	Hour	9/1/2023	na	77.000	123.200	0.000
	Total Stranded RNA Library Prep	230267	Sample	9/1/2023	na	195.000	246.600	0.000
SANGER	Agilent RNA/DNA-QC	230267	Sample	9/1/2023	na	11.000	16.990	0.000
	Equipment Use: Agilent RNA/DNA-QC	230267	Sample	9/1/2023	na	4.820	7.710	0.000
	Equipment Use: Quibit	230267	Sample	9/1/2023	na	1.100	1.760	0.000
	Full Reactions	230267	Sample	9/1/2023	na	5.250	7.740	0.000
	Quibit	230267	Sample	9/1/2023	na	4.500	6.760	0.000

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Biological Sciences (0040)

Biology/Biocomplexity Inst. Plant Research Facility

HokieMart customers are required to debit (charge) account code 1244R when creating purchase orders.

Manager: Susan Whitehead

Cost Accountant: Rob Blackley

	Banner Fund	Rate Per	Effective Date	Min/Max (in Dollars)	RATES (in Dollars)		
					Internal	External	Market
Bench Usage	230600	Bench	5/1/2024	na	4.530	7.250	0.000

Approved Service Center Rates

Biological Systems Engineering (0002)

Biological Engineering Vehicles

HokieMart customers are required to debit (charge) account code 1244R when creating purchase orders.

Manager: Laura Lehmann

Cost Accountant: Rob Blackley

	Banner Fund	Rate Per	Effective Date	Min/Max (in Dollars)	RATES (in Dollars)		
					Internal	External	Market
50-175S, 2005 Chevy Crewcab 4X4	230058	Mile	4/1/2023	na	0.580	0.000	0.000
55-273S, 2008 Ford F150	230058	Mile	4/1/2023	na	0.560	0.000	0.000
58-873S, 2010 Ford Explorer 4X4	230058	Mile	4/1/2023	na	0.560	0.000	0.000

Approved Service Center Rates

Biological Systems Engineering (0002)

Easton Vehicle Service Center

HokieMart customers are required to debit (charge) account code 1244R when creating purchase orders.

Manager: Zach Easton

Cost Accountant: Rob Blackley

	Banner Fund	Rate Per	Effective Date	Min/Max (in Dollars)	RATES (in Dollars)		
					Internal	External	Market
69-975S, 2016 Ford F150	230005	Mile	4/1/2024	na	0.370	0.000	0.000

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Biological Systems Engineering (0002)

Water Quality Lab

HokieMart customers are required to debit (charge) account code 1244R when creating purchase orders.

Manager: Kelly Peeler

Cost Accountant: Rob Blackley

		Banner Fund	Rate Per	Effective Date	Min/Max (in Dollars)	RATES (in Dollars)		
						Internal	External	Market
WQL01A, Total Nitrogen	Assisted	230002	Sample	2/1/2024	na	3.680	5.890	0.000
WQL01U, Total Nitrogen	Unassisted	230002	Sample	2/1/2024	na	2.950	0.000	0.000
WQL02A, Conductivity/TDS	Assisted	230002	Sample	2/1/2024	na	5.200	8.320	0.000
WQL02U, Conductivity/TDS	Unassisted	230002	Sample	2/1/2024	na	0.870	0.000	0.000
WQL13A, Ion Analysis of Water (per Element)	Assisted	230002	Element per Sample	2/1/2024	na	3.020	4.830	0.000
WQL13U, Ion Analysis of Water (per Element)	Unassisted	230002	Element per Sample	2/1/2024	na	2.410	0.000	0.000
WQL14A, Ammonia	Assisted	230002	Sample	2/1/2024	na	4.390	7.020	0.000
WQL14U, Ammonia	Unassisted	230002	Sample	2/1/2024	na	3.500	0.000	0.000
WQL16A, Orthophosphate	Assisted	230002	Sample	2/1/2024	na	3.750	6.000	0.000
WQL16U, Orthophosphate	Unassisted	230002	Sample	2/1/2024	na	2.860	0.000	0.000
WQL17A, pH	Assisted	230002	Sample	2/1/2024	na	5.430	8.690	0.000
WQL17U, pH	Unassisted	230002	Sample	2/1/2024	na	1.100	0.000	0.000
WQL21A, Total Phosphorus	Assisted	230002	Sample	2/1/2024	na	3.620	5.790	0.000
WQL21U, Total Phosphorus	Unassisted	230002	Sample	2/1/2024	na	2.890	0.000	0.000
WQL22A, Total Suspended Solids	Assisted	230002	Sample	2/1/2024	na	3.770	6.030	0.000
WQL22U, Total Suspended Solids	Unassisted	230002	Sample	2/1/2024	na	1.130	0.000	0.000
WQL28A, Bacterial Quantification Total Coloiform and E.coli	Assisted	230002	Sample	2/1/2024	na	11.190	17.900	0.000
WQL28U, Bacterial Quantification Total Coloiform and E.coli	Unassisted	230002	Sample	2/1/2024	na	10.530	0.000	0.000
WQL31A, Nitrate (Seal)	Assisted	230002	Sample	2/1/2024	na	3.810	6.100	0.000
WQL31U, Nitrate (Seal)	Unassisted	230002	Sample	2/1/2024	na	2.930	0.000	0.000

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Biological Systems Engineering (0002)

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Manager: Kelly Peeler

Cost Accountant: Rob Blackley

		Banner Fund	Rate Per	Effective Date	Min/Max (in Dollars)	RATES (in Dollars)		
						Internal	External	Market
WQL32A, Carbon Isotope	Assisted	230002	Sample	2/1/2024	na	5.760	9.220	0.000
WQL32U, Carbon Isotope	Unassisted	230002	Sample	2/1/2024	na	5.570	0.000	0.000
WQL33A, Elemental Analysis	Assisted	230002	Sample	2/1/2024	na	2.590	4.140	0.000
WQL33U, Elemental Analysis	Unassisted	230002	Sample	2/1/2024	na	2.450	0.000	0.000
WQL34A, Carbon Analysis (organic and inorganic)	Assisted	230002	Sample	2/1/2024	na	4.500	7.200	0.000
WQL34U, Carbon Analysis (organic and inorganic)	Unassisted	230002	Sample	2/1/2024	na	4.390	0.000	0.000
WQL36A, Metals Prep	Assisted	230002	Sample	2/1/2024	na	5.080	8.130	0.000
WQL36U, Metals Prep	Unassisted	230002	Sample	2/1/2024	na	1.900	0.000	0.000

Approved Service Center Rates

Biomedical Engineering & Mechanics (0112)

BEAM Machine Shop

HokieMart customers are required to debit (charge) account code 1244R when creating purchase orders.

Manager: Dave Simmons

Cost Accountant: Rob Blackley

	Banner Fund	Rate Per	Effective Date	Min/Max (in Dollars)	RATES (in Dollars)		
					Internal	External	Market
Machine Shop Use	230138	Hour	8/1/2023	na	91.000	146.000	0.000

Approved Service Center Rates

CALS Administration (0340)

CALS - Admin Vehicle

HokieMart customers are required to debit (charge) account code 1244R when creating purchase orders.

Manager: Steve Kleiber

Cost Accountant: Rob Blackley

	Banner Fund	Rate Per	Effective Date	Min/Max (in Dollars)	RATES (in Dollars)		
					Internal	External	Market
64-146S, 2023 Nissan Murano	230340	Mile	8/1/2023	na	0.820	0.000	0.000
79-448S 2020 Ford Explorer	230340	Mile	8/1/2023	na	0.820	0.000	0.000
84-102S, 2022 Ford Escape	230340	Mile	8/1/2023	na	0.820	0.000	0.000

Approved Service Center Rates

Central District Coop. Extension (0212)

VCE-Central Dist Vehicles

HokieMart customers are required to debit (charge) account code 1244R when creating purchase orders.

Manager: Sonya Furgurson

Cost Accountant: Rob Blackley

	Banner Fund	Rate Per	Effective Date	Min/Max (in Dollars)	RATES (in Dollars)		
					Internal	External	Market
48465S - GMC Van, 12 Passenger	230128	Mile	9/1/2022	na	0.360	0.000	0.000
48470S - GMC Van, 12 Passenger	230128	Mile	9/1/2022	na	0.360	0.000	0.000
57597S - Caravan	230128	Mile	9/1/2022	na	0.440	0.000	0.000
60203S - GMC Van, 12 Passenger	230128	Mile	9/1/2022	na	0.360	0.000	0.000
65622S - Ford	230128	Mile	9/1/2022	na	0.260	0.000	0.000
68268S - Ford	230128	Mile	9/1/2022	na	0.360	0.000	0.000
71582S - Impala	230128	Mile	9/1/2022	na	0.240	0.000	0.000
79420 - Caravan	230128	Mile	9/1/2022	na	0.220	0.000	0.000
80220S - Chevy Express	230128	Mile	9/1/2022	na	0.360	0.000	0.000

Approved Service Center Rates

Chemistry (0212)

Chemistry - Chromatography

HokieMart customers are required to debit (charge) account code 1244R when creating purchase orders.

Manager: Ken Knott

Cost Accountant: Rob Blackley

	Banner Fund	Rate Per	Effective Date	Min/Max (in Dollars)	RATES (in Dollars)		
					Internal	External	Market
Chromatography	230327	Hourly	10/1/2023	na	21.000	33.600	95.000

Approved Service Center Rates

Chemistry (0042)

Chemistry - NMR Lab

HokieMart customers are required to debit (charge) account code 1244R when creating purchase orders.

Manager: Kenneth Knott

Cost Accountant: Rob Blackley

		Banner Fund	Rate Per	Effective Date	Min/Max (in Dollars)	RATES (in Dollars)		
						Internal	External	Market
NMR Lab	CD Instrument	230107	Hour	10/1/2023	na	8.000	12.800	120.000
	EPR	230107	Hour	10/1/2023	na	4.900	7.800	73.500
	NMR	230107	Hour	10/1/2023	na	9.900	15.800	125.000

Approved Service Center Rates

Chemistry (0042)

Chemistry - Research Stockroom

HokieMart customers are required to debit (charge) account code 1244R when creating purchase orders.

Manager: Sharelle Carbaugh

Cost Accountant: Rob Blackley

		Banner Fund	Rate Per	Effective Date	Min/Max (in Dollars)	RATES (in Dollars)		
						Internal	External	Market
Administrative Charge	Administrative Charge	230242	Item	3/18/2024	na	1.790	0.000	0.000
Dry Ice	DRY-ICE Dry Ice	230242	Pound	3/18/2024	na	3.280	0.000	0.000
Liquid Nitrogen	LIQ-NIT Liquid Nitrogen (LN2)	230242	Liter	3/18/2024	na	1.090	0.000	0.000

Approved Service Center Rates

Chemistry (0042)

Chemistry - X-Ray Lab

HokieMart customers are required to debit (charge) account code 1244R when creating purchase orders.

Manager: Carla Slebodnick

Cost Accountant: Rob Blackley

		Banner Fund	Rate Per	Effective Date	Min/Max (in Dollars)	RATES (in Dollars)		
						Internal	External	Market
X-Ray Lab	Powder Diffraction	230276	Dataset	10/1/2023	na	16.100	25.800	100.000
	Single Crystal Diffraction	230276	Dataset	10/1/2023	na	32.300	51.600	1,000.000

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Chemistry (0042)

Surface Analysis Center

HokieMart customers are required to debit (charge) account code 1244R when creating purchase orders.

Manager: Nick Popczun

Cost Accountant: Rob Blackley

	Banner Fund	Rate Per	Effective Date	Min/Max (in Dollars)	RATES (in Dollars)		
					Internal	External	Market
PHI VersaProbe III	230296	Hour	9/1/2023	na	25.000	40.000	95.000

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Civil and Environmental Engineering (0103)

ICPMS Metals Analysis Lab

HokieMart customers are required to debit (charge) account code 1244R when creating purchase orders.

Manager: Joe Belcher

Cost Accountant: Rob Blackley

		Banner Fund	Rate Per	Effective Date	Min/Max (in Dollars)	RATES (in Dollars)		
						Internal	External	Market
Metals Analysis	Assisted	230007	Sample	5/1/2024	na	8.000	12.800	0.000
	Technician	230007	Hour	5/1/2024	na	64.000	102.400	0.000
Metals Analysis Kit	2 Tests	230007	ea	5/1/2024	na	4.000	6.400	0.000
	3 Tests	230007	ea	5/1/2024	na	5.000	8.000	0.000
	4 Tests	230007	ea	5/1/2024	na	5.000	8.000	0.000
Pipe	Pipe	230007	ea	5/1/2024	na	75.000	120.000	125.000
	Pipe w/testing	230007	ea	5/1/2024	na	170.000	272.000	275.000
Solder Coupon	Copper coupling with solder	230007	ea	5/1/2024	na	11.000	17.600	20.000
	Copper coupling with solder w/testing	230007	ea	5/1/2024	na	12.000	19.200	25.000

Approved Service Center Rates

College of Agriculture and Life Sciences (0340)

Latham Growth Chambers

HokieMart customers are required to debit (charge) account code 1244R when creating purchase orders.

Manager: Patrick Hilt

Cost Accountant: Rob Blackley

		Banner Fund	Rate Per	Effective Date	Min/Max (in Dollars)	RATES (in Dollars)		
						Internal	External	Market
Growth Chambers	Chambers	230309	Per Day	10/1/2022	na	8.000	12.800	0.000

Approved Service Center Rates

College of Veterinary Medicine (0033)

Parasitology Lab Service Center

HokieMart customers are required to debit (charge) account code 1244R when creating purchase orders.

Manager: Roger Ramirez-Barrios

Cost Accountant: Rob Blackley

	Banner Fund	Rate Per	Effective Date	Min/Max (in Dollars)	RATES (in Dollars)		
					Internal	External	Market
Parasitology	230061	Per Test	5/1/2024	na	7.130	11.410	0.000

Approved Service Center Rates

Conservation Management Institute (0369)

Conservation Management Institute

HokieMart customers are required to debit (charge) account code 1244R when creating purchase orders.

Manager: Scott Klopfer

Cost Accountant: Rob Blackley

	Banner Fund	Rate Per	Effective Date	Min/Max (in Dollars)	RATES (in Dollars)		
					Internal	External	Market
49-017S, 2004 Chevy Silverado	230252	Mile	7/1/2024	na	1.040	0.000	0.000
55-226S, 2007 Chevy Colorado	230252	Mile	7/1/2024	na	0.650	0.000	0.000
66-916S, 2014 Ford Pickup Crew 4x4	230252	Mile	7/1/2024	na	0.180	0.000	0.000
75403S, 2023 Dodge Ram	230252	Mile	7/1/2024	na	0.530	0.000	0.000
84104S, 2007 Chevy Tahoe	230252	Mile	7/1/2024	na	0.620	0.000	0.000

Approved Service Center Rates

Conversation Management Institute (0369)

CNRE UAS

HokieMart customers are required to debit (charge) account code 1244R when creating purchase orders.

Manager: Daniel Cross

Cost Accountant: Rob Blackley

	Banner Fund	Rate Per	Effective Date	Min/Max (in Dollars)	RATES (in Dollars)		
					Internal	External	Market
eBee	230077	Minute	8/1/2022	na	2.200	3.520	0.000

Approved Service Center Rates

Coop Extension Field Serv Support (0210)

Extension Distribution Center Printing

HokieMart customers are required to debit (charge) account code 1244R when creating purchase orders.

Manager: Melanie Rader

Cost Accountant: Rob Blackley

		Banner Fund	Rate Per	Effective Date	Min/Max (in Dollars)	RATES (in Dollars)		
						Internal	External	Market
Poster Printing	24" Photo Paper	230032	Running Foot	5/1/2024	na	4.480	7.170	0.000
	24" Plain Paper	230032	Running Foot	5/1/2024	na	3.340	5.340	0.000
	36" Photo Paper	230032	Running Foot	5/1/2024	na	4.890	7.820	0.000
	36" Plain Paper	230032	Running Foot	5/1/2024	na	3.290	5.260	0.000
	42" Plain Paper	230032	Running Foot	5/1/2024	na	3.650	5.840	0.000

Approved Service Center Rates

Crop & Soil Environmental Science (0003)

Crop & Soil Vehicles-230028

HokieMart customers are required to debit (charge) account code 1244R when creating purchase orders.

Manager: Caleb Bishop

Cost Accountant: Rob Blackley

	Banner Fund	Rate Per	Effective Date	Min/Max (in Dollars)	RATES (in Dollars)		
					Internal	External	Market
65575S, 2014 Ford F350 Crew 4X4	230028	Mile	10/1/2023	na	0.490	0.000	0.000
79409S, 2020 Ford F550	230028	Mile	10/1/2023	na	1.060	0.000	0.000

Approved Service Center Rates

Crop & Soil Environmental Science (0003)

Crop & Soil Vehicles-230097

HokieMart customers are required to debit (charge) account code 1244R when creating purchase orders.

Manager: John Hoben

Cost Accountant: Rob Blackley

	Banner Fund	Rate Per	Effective Date	Min/Max (in Dollars)	RATES (in Dollars)		
					Internal	External	Market
66-912S, Ford F-150 Extend Cab	230097	Mile	6/1/2024	na	0.460	0.000	0.000

Approved Service Center Rates

Crop & Soil Environmental Science (0003)

Crop & Soil Vehicles-230126

HokieMart customers are required to debit (charge) account code 1244R when creating purchase orders.

Manager: Sara Klopf

Cost Accountant: Rob Blackley

	Banner Fund	Rate Per	Effective Date	Min/Max (in Dollars)	RATES (in Dollars)		
					Internal	External	Market
65-586S, 2010 Chevy Colorado 4WD	230126	Mile	2/1/2024	na	0.270	0.000	0.000

Approved Service Center Rates

Crop & Soil Environmental Science (0003)

Crop & Soil Vehicles-230153

HokieMart customers are required to debit (charge) account code 1244R when creating purchase orders.

Manager: John Hoben

Cost Accountant: Rob Blackley

	Banner Fund	Rate Per	Effective Date	Min/Max (in Dollars)	RATES (in Dollars)		
					Internal	External	Market
57-578S, Ford F250	230153	Mile	5/1/2024	na	0.280	0.000	0.000

Approved Service Center Rates

Crop & Soil Environmental Science (0003)

Crop & Soil Vehicles-230206

HokieMart customers are required to debit (charge) account code 1244R when creating purchase orders.

Manager: Mike Brosius

Cost Accountant: Rob Blackley

	Banner Fund	Rate Per	Effective Date	Min/Max (in Dollars)	RATES (in Dollars)		
					Internal	External	Market
55-267S, 2008 Ford F250	230206	Mile	2/1/2023	na	0.310	0.000	0.000

Approved Service Center Rates

Crop & Soil Environmental Science (0003)

Crop & Soil Vehicles-230275

HokieMart customers are required to debit (charge) account code 1244R when creating purchase orders.

Manager: Mike Brosius

Cost Accountant: Rob Blackley

	Banner Fund	Rate Per	Effective Date	Min/Max (in Dollars)	RATES (in Dollars)		
					Internal	External	Market
71-511S, 2017 Ford F250	230275	Mile	4/1/2023	na	0.700	0.000	0.000

Approved Service Center Rates

Crop & Soil Environmental Science (0003)

Environmental Organic Chemical Analysis

HokieMart customers are required to debit (charge) account code 1244R when creating purchase orders.

Manager: Kang Xia

Cost Accountant: Rob Blackley

	Banner Fund	Rate Per	Effective Date	Min/Max (in Dollars)	RATES (in Dollars)		
					Internal	External	Market
GC/MS/MS	230120	per sample	10/1/2022	na	24.300	0.000	0.000
HPLC	230120	per sample	10/1/2022	na	13.700	0.000	0.000
LC/MS/MS	230120	per sample	10/1/2022	na	26.600	0.000	0.000

Approved Service Center Rates

Crop & Soil Environmental Science (0003)

QuickChem 8000 Automated Ion Analyzer

HokieMart customers are required to debit (charge) account code 1244R when creating purchase orders.

Manager: Mike Brosius

Cost Accountant: Rob Blackley

	Banner Fund	Rate Per	Effective Date	Min/Max (in Dollars)	RATES (in Dollars)		
					Internal	External	Market
Automated Ion Analyzer	230183	Each	5/1/2023	na	1.300	0.000	0.000

Approved Service Center Rates

Crop & Soil Environmental Science (0003)

Soil ICP Lab

HokieMart customers are required to debit (charge) account code 1244R when creating purchase orders.

Manager: Steve Heckendorn

Cost Accountant: Rob Blackley

	Banner Fund	Rate Per	Effective Date	Min/Max (in Dollars)	RATES (in Dollars)		
					Internal	External	Market
Soil	230004	Element	4/1/2024	na	0.210	0.000	0.000
Solution	230004	Element	4/1/2024	na	2.910	0.000	0.000

Approved Service Center Rates

Crop & Soil Environmental Science (0003)

VarioMax CNS

HokieMart customers are required to debit (charge) account code 1244R when creating purchase orders.

Manager: Athena Tilley

Cost Accountant: Rob Blackley

	Banner Fund	Rate Per	Effective Date	Min/Max (in Dollars)	RATES (in Dollars)		
					Internal	External	Market
Sample Analysis	230273	Sample	10/1/2022	na	5.000	8.000	0.000

Approved Service Center Rates

Dean - Engineering (0345)

CPES Electrical Lab

HokieMart customers are required to debit (charge) account code 1244R when creating purchase orders.

Manager: Pkg-W. Zhang Res-D. Gilham

Cost Accountant: Rob Blackley

	Banner Fund	Rate Per	Effective Date	Min/Max (in Dollars)	RATES (in Dollars)		
					Internal	External	Market
Research Lab Use	230300	Hour	12/1/2022	na	11.000	17.000	0.000

Approved Service Center Rates

Dean - Engineering (0345)

CPES Packaging Lab

HokieMart customers are required to debit (charge) account code 1244R when creating purchase orders.

Manager: Pkg-W. Zhang Res-D. Gilham

Cost Accountant: Rob Blackley

	Banner Fund	Rate Per	Effective Date	Min/Max (in Dollars)	RATES (in Dollars)		
					Internal	External	Market
Packaging Lab Use	230288	Hour	12/1/2022	na	14.000	21.000	0.000

Approved Service Center Rates

Department of Dairy Science (0315)

Dairy Feeding Trials

HokieMart customers are required to debit (charge) account code 1244R when creating purchase orders.

Manager: Lisa Bishop

Cost Accountant: Rob Blackley

	Banner Fund	Rate Per	Effective Date	Min/Max (in Dollars)	RATES (in Dollars)		
					Internal	External	Market
Dairy	230305	Gate Days	7/1/2024	na	1.100	0.000	0.000

Approved Service Center Rates

Eastern Shore AREC (0025)

ESAREC Tractor Service Center

HokieMart customers are required to debit (charge) account code 1244R when creating purchase orders.

Manager: Andrew Fletcher

Cost Accountant: Rob Blackley

	Banner Fund	Rate Per	Effective Date	Min/Max (in Dollars)	RATES (in Dollars)		
					Internal	External	Market
John Deere 6130M	230378	Per Hour	3/1/2024	na	37.740	0.000	0.000
John Deere 6155 R	230378	Per Hour	3/1/2024	na	44.990	0.000	0.000
Zurn 160 Plot Combine	230378	Per Hour	3/1/2024	na	280.050	0.000	0.000

Approved Service Center Rates

Eastern Virginia AREC (0222)

Eastern VA AREC Service Center

HokieMart customers are required to debit (charge) account code 1244R when creating purchase orders.

Manager: Joseph Oakes

Cost Accountant: Rob Blackley

	Banner Fund	Rate Per	Effective Date	Min/Max (in Dollars)	RATES (in Dollars)		
					Internal	External	Market
Zurn 160 Combine	230420	Per Hour	3/1/2024	na	153.970	0.000	0.000

Approved Service Center Rates

Electrical and Computer Engineering (0104)

Virginia Power Analytics and Cyber Security Center

HokieMart customers are required to debit (charge) account code 1244R when creating purchase orders.

Manager: Ali Mehrizi-Sani

Cost Accountant: Rob Blackley

	Banner Fund	Rate Per	Effective Date	Min/Max (in Dollars)	RATES (in Dollars)		
					Internal	External	Market
Machine Time	230447	Hour	9/1/2023	na	34.000	195.000	0.000
Setup/Analysis	230447	Hour	9/1/2023	na	120.000	195.000	0.000

Approved Service Center Rates

Electrical and Computer Engineering (0104)

Micron Clean Room

HokieMart customers are required to debit (charge) account code 1244R when creating purchase orders.

Manager: Wei Zhou

Cost Accountant: Rob Blackley

	Banner Fund	Rate Per	Effective Date	Min/Max (in Dollars)	RATES (in Dollars)		
					Internal	External	Market
MCR04, PTL Mask Aligner & Photolith Bench	230536	Hour	6/1/2024	na	50.000	80.000	0.000
MCR05, TFD Lesker E-Beam Evaporation	230536	Hour	6/1/2024	na	40.000	64.000	0.000
MCR06, TFD Thermionics E-Beam	230536	Hour	6/1/2024	na	30.000	48.000	0.000
MCR07, TFD Plasma-Enhanced Chemical Vapor Deposition	230536	Hour	6/1/2024	na	22.000	35.000	0.000
MCR08, TFD Atomic Layer Deposition	230536	Hour	6/1/2024	na	25.000	40.000	0.000
MCR09, PESC Deep Reactive Ion Etching	230536	Hour	6/1/2024	na	139.000	223.000	0.000
MCR10, PESC High-Density Reactive Ion Etching	230536	Hour	6/1/2024	na	34.000	54.000	0.000
MCR11, PESC Low-Density Reactive Ion Etching	230536	Hour	6/1/2024	na	60.000	96.000	0.000
MCR12, TP Silicon Oxidation & Diffusion	230536	Hour	6/1/2024	na	75.000	120.000	0.000
MCR13, TP Rapid Thermal Annealing	230536	Hour	6/1/2024	na	95.000	152.000	0.000
MCR14, TP Metal Contact Annealing	230536	Hour	6/1/2024	na	50.000	80.000	0.000
MCR15, MIDP Wafer Bonding	230536	Hour	6/1/2024	na	64.000	102.000	0.000
MCR16, MIDP Wafer Dicing & Device Singulation	230536	Hour	6/1/2024	na	40.000	64.000	0.000
MCR17, Woollam Spectroscopic Ellipsometer	230536	Hour	6/1/2024	na	20.000	32.000	0.000
MCR18, Crosslight Softward Pkg	230536	Hour	6/1/2024	na	20.000	32.000	0.000
MCR19, Bruker Atomic Force Microscope	230536	Hour	6/1/2024	na	25.000	40.000	0.000

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Approved Service Center Rates

Electrical and Computer Engineering (0104)

Micron Clean Room

HokieMart customers are required to debit (charge) account code 1244R when creating purchase orders.

Manager: Wei Zhou

Cost Accountant: Rob Blackley

	Banner Fund	Rate Per	Effective Date	Min/Max (in Dollars)	RATES (in Dollars)		
					Internal	External	Market
MCR22, METROL Semiconductor Device Testing	230536	Hour	6/1/2024	na	26.000	42.000	0.000
MCR23, TFD KJL Reactor	230536	Hour	6/1/2024	na	75.000	120.000	0.000
MCR24, TFD KJL DC/RF Sputter	230536	Hour	6/1/2024	na	0.000	0.000	0.000
MCR25, KS Wire Bonder	230536	Hour	6/1/2024	na	0.000	0.000	0.000
MCR27, Thermal Vacuum	230536	Hour	6/1/2024	na	15.000	24.000	0.000
MCR617, Lab Access, W617	230536	Hour	6/1/2024	na	3.000	5.000	0.000
MCR633, Lab Access, W633	230536	Hour	6/1/2024	na	16.000	26.000	0.000
MCR636, Lab Access, W636	230536	Hour	6/1/2024	na	0.000	0.000	0.000
MCRFM, Technician #1	230536	Hour	6/1/2024	na	42.000	67.000	0.000
MCRFM, Technician #2	230536	Hour	6/1/2024	na	45.000	72.000	0.000
MCRFM, Technician #3	230536	Hour	6/1/2024	na	15.000	24.000	0.000
MCRLD, Lab Director	230536	Hour	6/1/2024	na	74.000	118.000	0.000
MCRLM, Facility Manager	230536	Hour	6/1/2024	na	64.000	102.000	0.000

Approved Service Center Rates

Entomology (0007)

Entomology Vehicles

HokieMart customers are required to debit (charge) account code 1244R when creating purchase orders.

Manager: Scott Salom

Cost Accountant: Rob Blackley

	Banner Fund	Rate Per	Effective Date	Min/Max (in Dollars)	RATES (in Dollars)		
					Internal	External	Market
50-112S, 2005 Ford F150	230254	Mile	11/1/2023	na	0.570	0.000	0.000
65-551S, 2013 Ford F150	230254	Mile	11/1/2023	na	0.220	0.000	0.000
69-987S 2016 Ford F150	230254	Mile	11/1/2023	na	0.420	0.000	0.000
79-433S, 2020 Ford F150	230254	Mile	11/1/2023	na	0.410	0.000	0.000

Approved Service Center Rates

Entomology (0007)

Entomology Vehicles Eastwood

HokieMart customers are required to debit (charge) account code 1244R when creating purchase orders.

Manager: Gill Eastwood

Cost Accountant: Rob Blackley

	Banner Fund	Rate Per	Effective Date	Min/Max (in Dollars)	RATES (in Dollars)		
					Internal	External	Market
81730S, Ford Maverick	230313	Mile	2/1/2024	na	0.220	0.000	0.000

Approved Service Center Rates

Fish and Wildlife Conservation (0009)

Fisheries & Wildlife Science Boat

HokieMart customers are required to debit (charge) account code 1244R when creating purchase orders.

Manager: Jim Fraser

Cost Accountant: Rob Blackley

	Banner Fund	Rate Per	Effective Date	Min/Max (in Dollars)	RATES (in Dollars)			
					Internal	External	Market	
Boat Usage	Boat - Alba Carolina	230390	Day	5/1/2023	na	11.000	0.000	0.000
	Boat - Calidris	230390	Day	5/1/2023	na	19.000	0.000	0.000
	Boat-Alcyon	230390	Day	5/1/2023	na	2.000	0.000	0.000

Approved Service Center Rates

Fish and Wildlife Conservation (0009)

Fisheries & Wildlife Science Vehicle

HokieMart customers are required to debit (charge) account code 1244R when creating purchase orders.

Manager: Joel Snodgrass

Cost Accountant: Rob Blackley

	Banner Fund	Rate Per	Effective Date	Min/Max (in Dollars)	RATES (in Dollars)		
					Internal	External	Market
41-523S, 2000 Chevy Suburban	230060	Mile	4/1/2023	na	0.480	0.000	0.000
47-292S, 2012 Chevy Silverado	230060	Mile	4/1/2023	na	0.690	0.000	0.000
47-294S, 2012 Chevy Silverado	230060	Mile	4/1/2023	na	0.690	0.000	0.000
47-295S, 2012 Chevy Silverado	230060	Mile	4/1/2023	na	0.690	0.000	0.000
52-482S, 2002 Toyota pickup	230060	Mile	4/1/2023	na	0.690	0.000	0.000
57-563S, 2008 Ford Explorer	230060	Mile	4/1/2023	na	0.480	0.000	0.000
60-232S, 2011 Ford Super Duty	230060	Mile	4/1/2023	na	0.690	0.000	0.000
60-236S, 2011 Ford Super Duty	230060	Mile	4/1/2023	na	0.690	0.000	0.000
60-237S, 2011 Ford Super Duty	230060	Mile	4/1/2023	na	0.690	0.000	0.000
66-921S, 2014 Ford F150 CC	230060	Mile	4/1/2023	na	0.690	0.000	0.000
66-998S, 2014 Ford F150 CC	230060	Mile	4/1/2023	na	0.690	0.000	0.000
68-284S, 2015 Ford F150	230060	Mile	4/1/2023	na	0.690	0.000	0.000
69-968S, 2016 Nissan Front	230060	Mile	4/1/2023	na	0.690	0.000	0.000
69-974S, 2016 Ford F150	230060	Mile	4/1/2023	na	0.690	0.000	0.000
71-559S, Ford F150 CC	230060	Mile	4/1/2023	na	0.690	0.000	0.000
74-662S, Ford F150 CC	230060	Mile	4/1/2023	na	0.690	0.000	0.000
76-273S, 2019 Ford F150	230060	Mile	4/1/2023	na	0.690	0.000	0.000
79-442S, 2020 Ford F150	230060	Mile	4/1/2023	na	0.690	0.000	0.000
80-237S, 2021 Ford F-150	230060	Mile	4/1/2023	na	0.690	0.000	0.000
83-471S, 2009 Ford F350	230060	Mile	4/1/2023	na	0.690	0.000	0.000
83-495S, 2022 Ram 1500	230060	Mile	4/1/2023	na	0.690	0.000	0.000

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FLSI - Mass Spectrometry Incubator (0358)

Mass Spectrometry Incubator

HokieMart customers are required to debit (charge) account code 1244R when creating purchase orders.

Manager: Kirk Felton

Cost Accountant: Rob Blackley

		Banner Fund	Rate Per	Effective Date	Min/Max (in Dollars)	RATES (in Dollars)		
						Internal	External	Market
Metabolomics and Small Molecules	LC-QQQ	230588	Hour	8/1/2023	na	90.000	144.000	0.000
	LC-TOF	230588	Hour	8/1/2023	na	90.000	144.000	0.000
	Project Set Up	230588	Hour	8/1/2023	na	80.000	128.000	0.000
Proteins and Polymers	MALDI-TOF/TOF Sample Characterization (non-protein)	230588	Hour	8/1/2023	na	75.000	120.000	0.000
	Protein Identification by MALDI-TOF/TOF	230588	Sample	8/1/2023	na	75.000	120.000	0.000
Proteomics	Custom Proteomics	230588	Sample	8/1/2023	na	685.000	1,096.000	0.000
	Protein Identification	230588	Sample	8/1/2023	na	325.000	520.000	0.000
	Training/ Document Prep/ Extra Data Analysis	230588	Hour	8/1/2023	na	65.000	104.000	0.000

Approved Service Center Rates

FLSI Operations (0316)

FLSI Advanced Imaging & Microscopy

HokieMart customers are required to debit (charge) account code 1244R when creating purchase orders.

Manager: Emery Ng

Cost Accountant: Rob Blackley

	Banner Fund	Rate Per	Effective Date	Min/Max (in Dollars)	RATES (in Dollars)		
					Internal	External	Market
Confocal Services	230320	Per Hour	5/1/2024	na	40.000	64.000	0.000
Instrument Training	230320	Per Hour	5/1/2024	na	50.000	80.000	0.000

Approved Service Center Rates

For Resources & Environ Consv (0008)

Forestry Vehicles

HokieMart customers are required to debit (charge) account code 1244R when creating purchase orders.

Manager: Tal Roberts

Cost Accountant: Rob Blackley

	Banner Fund	Rate Per	Effective Date	Min/Max (in Dollars)	RATES (in Dollars)		
					Internal	External	Market
23-786S, 1998 GMC Sierra	230059	Mile	9/1/2023	na	0.380	0.000	0.000
48-981S, 2004 Chevy Silverado	230059	Mile	9/1/2023	na	0.380	0.000	0.000
58-897S, 2010 Toyota Tacoma	230059	Mile	9/1/2023	na	0.380	0.000	0.000
60-163S, 2010 Ford Explorer	230059	Mile	9/1/2023	na	0.380	0.000	0.000
61-748S, 2012 Chevy Colorado	230059	Mile	9/1/2023	na	0.380	0.000	0.000
65-558S, 2013 GMC F-350	230059	Mile	9/1/2023	na	0.380	0.000	0.000
68-291S, 2015 Ford F-150	230059	Mile	9/1/2023	na	0.380	0.000	0.000
76-285S, 2019 Ford F-150	230059	Mile	9/1/2023	na	0.380	0.000	0.000

Approved Service Center Rates

Forest Resources and Environmental Conservation (0324)

FREC Drone

HokieMart customers are required to debit (charge) account code 1244R when creating purchase orders.

Manager: Daniel Cross

Cost Accountant: Rob Blackley

		Banner Fund	Rate Per	Effective Date	Min/Max (in Dollars)	RATES (in Dollars)		
						Internal	External	Market
Drone	eBee Drone	230403	Per Minute	6/1/2024	na	3.850	0.000	0.000
	Headwall Sensor	230403	Per Minute	6/1/2024	na	5.320	0.000	0.000
	SkyFish Drone	230403	Per Minute	6/1/2024	na	4.150	0.000	0.000

Approved Service Center Rates

Fralin Biomedical Research Institue (0183)

FBRA Cellular and Molecular Imaging Core

HokieMart customers are required to debit (charge) account code 1244R when creating purchase orders.

Manager: Amy Huffman

Cost Accountant: Rob Blackley

	Banner Fund	Rate Per	Effective Date	Min/Max (in Dollars)	RATES (in Dollars)			
					Internal	External	Market	
Cellular and Molecular Imaging	Apreo Serial BlockFace EM	230433	Per Hour	8/1/2023	na	40.000	80.000	0.000
	Apreo Serial BlockFace EM - Exted	230433	Per Hour	8/1/2023	na	30.000	60.000	0.000
	FEI TecnaiSpirit Cryo EM	230433	Per Hou	8/1/2023	na	40.000	80.000	0.000
	Nikon Spinning Disk Confocal	230433	Per Hour	8/1/2023	na	40.000	80.000	0.000
	Stellaris 8 Microscope	230433	Per Hour	8/1/2023	na	40.000	80.000	0.000
	Zeiss 700	230433	Per Hour	8/1/2023	na	40.000	80.000	0.000
	Zeiss 710	230433	Per Hour	8/1/2023	na	40.000	80.000	0.000
	Zeiss Coherent 2-Photon	230433	Per Hour	8/1/2023	na	40.000	80.000	0.000

Approved Service Center Rates

Fralin Biomedical Research Institute (0183)

FBRA Small Animal Imaging Core

HokieMart customers are required to debit (charge) account code 1244R when creating purchase orders.

Manager: Amy Huffman

Cost Accountant: Rob Blackley

	Banner Fund	Rate Per	Effective Date	Min/Max (in Dollars)	RATES (in Dollars)			
					Internal	External	Market	
Small Animal Imaging	FUS (MRI Add On)	230994	Per Hour	6/1/2023	na	100.000	160.000	200.000
	Micro PET/CT	230994	Per Hour	6/1/2023	na	250.000	400.000	500.000
	Micro PET/CT Tracer mCi	230994	Per Hour	6/1/2023	na	31.000	50.000	62.000
	MRI/PET	230994	Per Hour	6/1/2023	na	250.000	400.000	500.000
	MRI/PET Contrast ml	230994	Per Hour	6/1/2023	na	57.000	91.000	114.000
	MRI/PET Extended Run	230994	Per Hour	6/1/2023	na	150.000	240.000	300.000

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Fralin Biomedical Research Institute (0358)

GlycoMIP

HokieMart customers are required to debit (charge) account code 1244R when creating purchase orders.

Manager: Linda Caudill

Cost Accountant: Rob Blackley

	Banner Fund	Rate Per	Effective Date	Min/Max (in Dollars)	RATES (in Dollars)			
					Internal	External	Market	
GlycoMIP	Biotage	230147	Per Hour	10/1/2022	na	47.000	76.000	0.000
	Chiral IR-2X	230147	Per Hour	10/1/2022	na	8.000	17.000	0.000
	Chiral-Raman	230147	Per Hour	10/1/2022	na	8.000	18.000	0.000
	Glyconeer I	230147	Per Hour	10/1/2022	na	20.000	43.000	0.000
	Glyconeer II	230147	Per Hour	10/1/2022	na	20.000	43.000	0.000
	Hourly Staff Rate	230147	Per Hour	10/1/2022	na	37.000	59.000	0.000
	HPLC-Normal Phase	230147	Per Hour	10/1/2022	na	25.000	45.000	0.000
	HPLC-Reverse Phase	230147	Per Hour	10/1/2022	na	20.000	37.000	0.000
	HTX MALDI Sprayer	230147	Per Hour	10/1/2022	na	44.000	76.000	0.000
	In-Line Raman	230147	Per Hour	10/1/2022	na	0.270	1.760	0.000
	MALDI-2 Mass Spectrometer	230147	Per Hour	10/1/2022	na	42.000	114.000	0.000
	Meinhardt UHF Sonicator	230147	Per Hour	10/1/2022	na	11.000	18.000	0.000
	Microscale Thermophoresis	230147	Per Hour	10/1/2022	na	61.000	98.000	0.000
	Nicoya Alto SPR	230147	Per Hour	10/1/2022	na	35.000	56.000	0.000
	Nicoya Open SPR	230147	Per Hour	10/1/2022	na	65.000	108.000	0.000
	Rheometer	230147	Per Hour	10/1/2022	na	25.000	46.000	0.000
	Size Exclusion Chromatography	230147	Per Hour	10/1/2022	na	33.000	65.000	0.000
	Vanquish UHPLC-MS	230147	Per Hour	10/1/2022	na	14.000	24.000	0.000
	Vapourtec Flow Chemistry	230147	Per Hour	10/1/2022	na	20.000	33.000	0.000
	Viscometer	230147	Per Hour	10/1/2022	na	7.000	11.000	0.000

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Fralin Hall Operations (0316)

Confocal Microscope

HokieMart customers are required to debit (charge) account code 1244R when creating purchase orders.

Manager: Sandy Hancock

Cost Accountant: Rob Blackley

	Banner Fund	Rate Per	Effective Date	Min/Max (in Dollars)	RATES (in Dollars)		
					Internal	External	Market
Confocal Microscope	230208	Hour	10/1/2023	na	38.000	61.000	0.000

Approved Service Center Rates

Geosciences (0044)

Geosciences XRF

HokieMart customers are required to debit (charge) account code 1244R when creating purchase orders.

Manager: Lowell Moore

Cost Accountant: Rob Blackley

		Banner Fund	Rate Per	Effective Date	Min/Max (in Dollars)	RATES (in Dollars)		
						Internal	External	Market
XRF	XRF Assistance	230473	Sample	9/1/2022	na	14.500	23.200	24.000
	XRF Instrument	230473	Sample	9/1/2022	na	10.500	16.800	17.000
	XRF Sample Preparation	230473	Sample	9/1/2022	na	6.500	10.400	15.000

Approved Service Center Rates

Geosciences (0044)

VT Stable Isotope Laboratory

HokieMart customers are required to debit (charge) account code 1244R when creating purchase orders.

Manager: Benjamin Gill

Cost Accountant: Rob Blackley

	Banner Fund	Rate Per	Effective Date	Min/Max (in Dollars)	RATES (in Dollars)		
					Internal	External	Market
Process 1 Measurement of the carbon and oxygen isotope ratios of carbonate minerals or dissolved inorganic carbon	230117	sample	11/1/2022	na	4.200	6.700	0.000
Process 2 Measurement of the abundance of organic carbon and carbon isotope ratio of organic carbon in solid sample material	230117	sample	11/1/2022	na	5.100	8.200	0.000
Process 3 Measurement of the abundance of nitrogen and nitrogen isotope ratio in solid sample material	230117	sample	11/1/2022	na	5.500	8.800	0.000
Process 4 Measurement of abundance of carbon and nitrogen and carbon and nitrogen isotope ratios in solid sample material	230117	sample	11/1/2022	na	7.100	11.400	0.000
Process 5 Measurement of the sulfur isotope ratio of solid sample material	230117	sample	11/1/2022	na	18.200	29.100	0.000
Process 6 Iron Speciation Analysis	230117	sample	11/1/2022	na	17.800	28.500	0.000
Process 7 Measure of the abundance of carbon and nitrogen in solid sample material	230117	sample	11/1/2022	na	4.700	7.500	0.000

Approved Service Center Rates

Horticulture (0011)

Keck Greenhouse

HokieMart customers are required to debit (charge) account code 1244R when creating purchase orders.

Manager: Jeff Burr

Cost Accountant: Rob Blackley

	Banner Fund	Rate Per	Effective Date	Min/Max (in Dollars)	RATES (in Dollars)		
					Internal	External	Market
Greenhouse	230357	Square Foot	11/1/2022	na	0.050	0.080	0.000

Approved Service Center Rates

Horticulture (0011)

SPES Greenhouse

HokieMart customers are required to debit (charge) account code 1244R when creating purchase orders.

Manager: Jeff Burr

Cost Accountant: Rob Blackley

	Banner Fund	Rate Per	Effective Date	Min/Max (in Dollars)	RATES (in Dollars)		
					Internal	External	Market
Greenhouse	230351	Square Foot	2/1/2024	na	0.009	0.014	0.000

Approved Service Center Rates

Human Nutrition, Foods & Exercise (0131)

Metabolism Core

HokieMart customers are required to debit (charge) account code 1244R when creating purchase orders.

Manager: Robert Grange

Cost Accountant: Rob Blackley

	Banner Fund	Rate Per	Effective Date	Min/Max (in Dollars)	RATES (in Dollars)		
					Internal	External	Market
BCA Assay	230348	Sample	8/1/2023	na	24.000	38.400	0.000
BHAD Activity	230348	Sample	8/1/2023	na	5.000	8.000	0.000
Blood Draw-Sac	230348	Ea	8/1/2023	na	2.000	3.200	0.000
Cell Culture Bioenergetics (XFe24)	230348	EA	8/1/2023	na	143.000	228.800	0.000
Cell Culture Bioenergetics (XFe96)	230348	EA	8/1/2023	na	146.000	233.600	0.000
Cell Substrate Metabolism	230348	EA	8/1/2023	na	35.000	56.000	0.000
Cheek Punch	230348	Ea	8/1/2023	na	4.000	6.400	0.000
Citrate Synthase Activity	230348	Sample	8/1/2023	na	5.000	8.000	0.000
Cytochrome C Oxidase Activity	230348	Sample	8/1/2023	na	4.000	6.400	0.000
Glucose Tolerance Testing	230348	Ea	8/1/2023	na	5.000	8.000	0.000
Histology: Cryo-Sectioning	230348	Slide	8/1/2023	na	5.000	8.000	0.000
Histology-Microtome Sectioning	230348	Slide	8/1/2023	na	5.000	8.000	0.000
In Vitro Muscle Function	230348	EA	8/1/2023	na	52.000	83.200	0.000
In Vitro Substrate Metabolism	230348	EA	8/1/2023	na	10.000	16.000	0.000
In Vivo Muscle Function	230348	EA	8/1/2023	na	14.000	22.400	0.000
Injection	230348	Ea	8/1/2023	na	3.000	4.800	0.000
Insulin Tolerance Testing	230348	EA	8/1/2023	na	10.000	16.000	0.000
MDH Activity	230348	Sample	8/1/2023	na	2.000	3.200	0.000
Mitochondria Function:Pyruvate-Malate	230348	Plate	8/1/2023	na	158.000	252.800	0.000
Mitochondria Function:Succinate-Rotenone	230348	Plate	8/1/2023	na	139.000	222.400	0.000
Mitochondria Function:TMPD Electron Flow	230348	Plate	8/1/2023	na	132.000	211.200	0.000

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Human Nutrition, Foods & Exercise (0131)

Metabolism Core

HokieMart customers are required to debit (charge) account code 1244R when creating purchase orders.

Manager: Robert Grange

Cost Accountant: Rob Blackley

	Banner Fund	Rate Per	Effective Date	Min/Max (in Dollars)	RATES (in Dollars)		
					Internal	External	Market
NMR	230348	Ea	8/1/2023	na	12.000	19.200	0.000
O2K Mitochondria Function	230348	EA	8/1/2023	na	32.000	51.200	0.000
Oxymax Clams System	230348	EA	8/1/2023	na	25.000	40.000	0.000
Running Wheel Activity	230348	EA	8/1/2023	na	14.000	22.400	0.000
Tech Rate	230348	Per Hour	8/1/2023	na	16.000	25.600	0.000
Treadmill	230348	EA	8/1/2023	na	9.000	9.600	0.000

Approved Service Center Rates

ICTAS (0474)

Nanoscale Characterization and Fabrication Lab

HokieMart customers are required to debit (charge) account code 1244R when creating purchase orders.

Manager: Matthew Hull

Cost Accountant: Rob Blackley

	Banner Fund	Rate Per	Effective Date	Min/Max (in Dollars)	RATES (in Dollars)		
					Internal	External	Market
3D DVM	230470	Hour	1/1/2024	na	17.000	27.000	41.000
BET	230470	Hour	1/1/2024	na	11.000	18.000	29.000
Cyro-Ultra Microtome	230470	Hour	1/1/2024	na	19.000	30.000	54.000
DLS	230470	Hour	1/1/2024	na	14.000	22.000	36.000
E-SEM	230470	Hour	1/1/2024	na	40.000	64.000	91.000
FIB	230470	Hour	1/1/2024	na	45.000	72.000	102.000
Polishing Papers & Cloths	230470	Paper	1/1/2024	na	2.000	3.000	6.000
Raman-AFM	230470	Hour	1/1/2024	na	18.000	29.000	60.000
SEM JEOL IT500HR	230470	Hour	1/1/2024	na	40.000	64.000	91.000
SEM LEO	230470	Hour	1/1/2024	na	40.000	64.000	91.000
SEM Sample Prep	230470	Run	1/1/2024	na	17.000	27.000	41.000
Technical Assistance and Training	230470	Hour	1/1/2024	na	57.000	91.000	91.000
TEM EM 420	230470	Hour	1/1/2024	na	28.000	45.000	68.000
TEM JEOL 2100	230470	Hour	1/1/2024	na	51.000	82.000	113.000
TEM Sample Prep	230470	Hour	1/1/2024	na	17.000	27.000	41.000
Triboindenter	230470	Hour	1/1/2024	na	18.000	29.000	54.000
UV-Vis-NIR	230470	Hour	1/1/2024	na	6.000	10.000	15.000
Veeco AFM	230470	Hour	1/1/2024	na	24.000	38.000	58.000
XPS	230470	Hour	1/1/2024	na	34.000	54.000	108.000
XPS Surface Survey	230470	Sample	1/1/2024	na	23.000	37.000	90.000

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IT Management (0127)

High Performance Computing Service Center

HokieMart customers are required to debit (charge) account code 1244R when creating purchase orders.

Manager: Heather Mayer

Cost Accountant: Rob Blackley

		Banner Fund	Rate Per	Effective Date	Min/Max (in Dollars)	RATES (in Dollars)		
						Internal	External	Market
Backup Service	Backup Service	230418	TB/Month	4/1/2024	na	8.398	13.436	0.000
Consulting	Consulting	230418	Per Hour	4/1/2024	na	85.075	136.120	0.000
Storage	Storage	230418	TB/Month	4/1/2024	na	7.565	12.104	0.000
TinkerCliffs CPU	TinkerCliffs CPU	230418	Per Core-hour	4/1/2024	na	0.010	0.016	0.000
TinkerCliffs GPU	TinkerCliffs GPU	230418	GPU/Hour	4/1/2024	na	1.132	1.811	0.000

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Mechanical Engineering (0107)

APPL Service Center

HokieMart customers are required to debit (charge) account code 1244R when creating purchase orders.

Manager: Todd Lowe

Cost Accountant: Rob Blackley

	Banner Fund	Rate Per	Effective Date	Min/Max (in Dollars)	RATES (in Dollars)		
					Internal	External	Market
Compressor	230322	Hour	3/1/2023	na	110.000	176.000	0.000
Hourly Labor	230322	Hour	3/1/2023	na	53.000	85.000	0.000
M250	230322	Hour	3/1/2023	na	1,579.000	2,526.000	0.000
Occupancy	230322	Day	3/1/2023	na	1,179.000	1,583.000	0.000
Turbo Lab	230322	Hour	3/1/2023	na	1,455.000	2,300.000	0.000

Approved Service Center Rates

Physics (0052)

Nonlinear Imaging & Spectroscopy Lab

HokieMart customers are required to debit (charge) account code 1244R when creating purchase orders.

Manager: Giti Khodaparast

Cost Accountant: Rob Blackley

	Banner Fund	Rate Per	Effective Date	Min/Max (in Dollars)	RATES (in Dollars)		
					Internal	External	Market
Usage	230137	per Hour	11/1/2023	na	28.000	0.000	0.000

Approved Service Center Rates

School of Plant and Environmental Sciences (0003)

SPES Central Soil & Water Lab

HokieMart customers are required to debit (charge) account code 1244R when creating purchase orders.

Manager: Athena Tilley

Cost Accountant: Rob Blackley

	Banner Fund	Rate Per	Effective Date	Min/Max (in Dollars)	RATES (in Dollars)		
					Internal	External	Market
CEC Assisted	230693	Sample	10/1/2022	na	38.800	62.100	0.000
CEC Unassisted	230693	Sample	10/1/2022	na	3.300	0.000	0.000
CILAS Assisted	230699	Sample	10/1/2022	na	3.200	5.100	0.000
CILAS Unassisted	230699	Sample	10/1/2022	na	0.800	0.000	0.000
Effective CEC Assisted	230693	Sample	10/1/2022	na	15.100	24.200	0.000
Effective CEC Unassisted	230693	Sample	10/1/2022	na	3.300	0.000	0.000
Extractable N Assisted	230693	Sample	10/1/2022	na	3.300	5.300	0.000
Extractable N Unassisted	230693	Sample	10/1/2022	na	0.300	0.000	0.000
Mars Express Assisted	230699	Sample	10/1/2022	na	1.800	2.900	0.000
Mars Express Unassisted	230699	Sample	10/1/2022	na	1.000	0.000	0.000
Mehich 1 Assisted	230693	Sample	10/1/2022	na	3.200	5.100	0.000
Mehich 1 Unassisted	230693	Sample	10/1/2022	na	0.300	0.000	0.000
Partical Size Analysis Assisted	230693	Sample	10/1/2022	na	14.600	23.400	0.000
Partical Size Analysis Unassisted	230693	Sample	10/1/2022	na	10.120	0.000	0.000
PPA Assisted	230693	Sample	10/1/2022	na	30.700	49.100	0.000
PPA Unassisted	230693	Sample	10/1/2022	na	1.100	0.000	0.000
Pressure Plate Extractors Assisted	230699	Sample	10/1/2022	na	6.300	10.100	0.000
Pressure Plate Extractors Unassisted	230699	Sample	10/1/2022	na	4.100	0.000	0.000
Rock Crushing Assisted	230693	Sample	10/1/2022	na	17.800	28.500	0.000
Sat. Paste pH/EC Assisted	230693	Sample	10/1/2022	na	9.200	14.700	0.000
Sat. Paste pH/EC Unassisted	230693	Sample	10/1/2022	na	1.800	0.000	0.000
Saturated Hydraulic Conductivity Assisted	230699	Sample	10/1/2022	na	35.500	56.800	0.000

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School of Plant and Environmental Sciences (0003)

SPES Central Soil & Water Lab

HokieMart customers are required to debit (charge) account code 1244R when creating purchase orders.

Manager: Athena Tilley

Cost Accountant: Rob Blackley

	Banner Fund	Rate Per	Effective Date	Min/Max (in Dollars)	RATES (in Dollars)		
					Internal	External	Market
Saturated Hydraulic Conductivity Unassisted	230699	Sample	10/1/2022	na	0.000	0.000	0.000
Sobek-NP Assisted	230693	Sample	10/1/2022	na	12.500	20.000	0.000
Sobek-NP Unassisted	230693	Sample	10/1/2022	na	0.700	0.000	0.000
Soil Acidity Assisted	230693	Sample	10/1/2022	na	4.300	6.900	0.000
Soil Acidity Unassisted	230693	Sample	10/1/2022	na	0.700	0.000	0.000
Soil Grinding and Sieving #10 2mm Assisted	230693	Sample	10/1/2022	na	3.500	5.600	0.000
Soil Grinding and Sieving #10 2mm Unassisted	230693	Sample	10/1/2022	na	0.700	0.000	0.000
Soil Grinding and Sieving #80 177um Assisted	230693	Sample	10/1/2022	na	6.200	9.900	0.000
Soil Grinding and Sieving #80 177um Unassisted	230693	Sample	10/1/2022	na	0.700	0.000	0.000
TOC/TN/IC40 Assisted	230695	Sample	10/1/2022	na	3.400	5.400	0.000
TOC/TN/IC40 Unassisted	230695	Sample	10/1/2022	na	2.200	0.000	0.000
Total Digest Assisted	230693	Sample	10/1/2022	na	10.900	17.400	0.000
Total Digest Unassisted	230693	Sample	10/1/2022	na	2.000	0.000	0.000
Total Dissolved Solids Assisted	230693	Sample	10/1/2022	na	7.400	11.800	0.000
Total Dissolved Solids Unassisted	230693	Sample	10/1/2022	na	1.300	0.000	0.000
Water Acidity Assisted	230693	Sample	10/1/2022	na	26.200	41.900	0.000
Water Acidity Unassisted	230693	Sample	10/1/2022	na	2.400	0.000	0.000
Water Alkalinity Assisted	230693	Sample	10/1/2022	na	26.200	41.900	0.000
Water Alkalinity Unassisted	230693	Sample	10/1/2022	na	2.400	0.000	0.000
Water Filtering Assisted	230693	Sample	10/1/2022	na	12.900	20.600	0.000

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School of Plant and Environmental Sciences (0003)

SPES Central Soil & Water Lab

HokieMart customers are required to debit (charge) account code 1244R when creating purchase orders.

Manager: Athena Tilley

Cost Accountant: Rob Blackley

	Banner Fund	Rate Per	Effective Date	Min/Max (in Dollars)	RATES (in Dollars)		
					Internal	External	Market
Water Filtering Unassisted	230693	Sample	10/1/2022	na	1.200	0.000	0.000
Water Sampling	230693	Sample	10/1/2022	na	34.830	55.730	0.000

Approved Service Center Rates

Veterinary Medicine Experiment Sta. (0033)

Flow Cytometry Lab

HokieMart customers are required to debit (charge) account code 1244R when creating purchase orders.

Manager: Melissa Makris

Cost Accountant: Rob Blackley

		Banner Fund	Rate Per	Effective Date	Min/Max (in Dollars)	RATES (in Dollars)		
						Internal	External	Market
Cytometers	Analysis	230043	Hour	6/1/2024	na	62.000	99.000	0.000
	Instrument Time	230043	Hour	6/1/2024	na	123.000	197.000	0.000

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Veterinary Medicine Experiment Sta. (0033)

Toxicology Lab

HokieMart customers are required to debit (charge) account code 1244R when creating purchase orders.

Manager: McAlister Council-Troche

Cost Accountant: Rob Blackley

	Banner Fund	Rate Per	Effective Date	Min/Max (in Dollars)	RATES (in Dollars)			
					Internal	External	Market	
Metals & Minerals	R029 Metals/Minerals Screen (Tier 1)	230176	Sample	2/1/2023	na	70.000	112.000	0.000
	R047 Metals/Minerals Screen (Tier 2)	230176	Sample	2/1/2023	na	16.000	26.000	0.000
	R051 Metals/Minerals Screen (Tier 3)	230176	Sample	2/1/2023	na	8.000	13.000	0.000
Miscellaneous	R023 LC-MS/MS Assay (Tier 1)	230176	Sample	2/1/2023	na	70.000	112.000	0.000
	R050 Prep Fee/Extra Time Required	230176	Hour	2/1/2023	na	50.000	80.000	0.000
	R052 LC-MS/MS Assay (Tier 2)	230176	Sample	2/1/2023	na	45.000	72.000	0.000

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Veterinary Medicine Experiment Sta. (0033)

Vet Med - Statistical Consulting Lab

HokieMart customers are required to debit (charge) account code 1244R when creating purchase orders.

Manager: Stephen Werre

Cost Accountant: Rob Blackley

		Banner Fund	Rate Per	Effective Date	Min/Max (in Dollars)	RATES (in Dollars)		
						Internal	External	Market
Consulting Lab	Statistical Consulting	230280	Hour	11/1/2023	na	64.000	102.000	0.000

Approved Service Center Rates

Virginia Tech Transportation Instit (0308)

VTTI Smart Road

HokieMart customers are required to debit (charge) account code 1244R when creating purchase orders.

Manager: Ryan Naff

Cost Accountant: Rob Blackley

	Banner Fund	Rate Per	Effective Date	Min/Max (in Dollars)	RATES (in Dollars)		
					Internal	External	Market
Control Room	230209	Hour	2/1/2024	na	203.000	0.000	338.000
Lighting	230209	Hour	2/1/2024	na	198.000	0.000	0.000
Weather (includes rain, snow, and fog)	230209	Hour	2/1/2024	na	618.000	0.000	0.000

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Virginia Tech Transportation Instit (0308)

VTTI Support Vehicles

HokieMart customers are required to debit (charge) account code 1244R when creating purchase orders.

Manager: Pascha Gerni

Cost Accountant: Rob Blackley

	Banner Fund	Rate Per	Effective Date	Min/Max (in Dollars)	RATES (in Dollars)		
					Internal	External	Market
Sedan	230384	Mile	4/1/2023	na	0.710	0.000	0.000
SUV/All-Wheel/Van	230384	Mile	4/1/2023	na	1.080	0.000	0.000

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VT Carilion (VTC) Res. Institute (0183)

FBRI CT Scanner

HokieMart customers are required to debit (charge) account code 1244R when creating purchase orders.

Manager: Sherri Cook

Cost Accountant: Rob Blackley

	Banner Fund	Rate Per	Effective Date	Min/Max (in Dollars)	RATES (in Dollars)		
					Internal	External	Market
Contrast	230178	Per 10 mL	4/1/2024	na	12.500	19.500	0.000
CT Scanner	230178	Per Scan	4/1/2024	na	500.000	1,540.000	0.000

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VT Carilion (VTC) Res. Institute (0183)

VTCRI Human Neuroimaging Lab (HNL)

HokieMart customers are required to debit (charge) account code 1244R when creating purchase orders.

Manager: Sherri Cook

Cost Accountant: Rob Blackley

	Banner Fund	Rate Per	Effective Date	Min/Max (in Dollars)	RATES (in Dollars)		
					Internal	External	Market
HNL	230284	Hour	7/1/2023	na	500.000	800.000	0.000