



# AREA IX

## LABORATORIES

**A3. INVENTORY OF  
AVAILABLE EQUIPMENT,  
GADGETS, FIXTURES IN VERY  
LABORATORY**



### A.3. Inventory of available equipment, gadgets, fixtures in every laboratory

#### PHYSICS LABORATORY



There are two Physics Laboratory Rooms which are located at the right side of the CAS building. These are well-lighted and well ventilated. These rooms are equipped with two long tables and demonstration table. Faucets, sinks and electrical outlets are appropriately positioned.

#### CHEMISTRY LABORATORY



There are 3 laboratory rooms for Chemistry subjects. These rooms are well-lighted and well-ventilated and are equipped with tools and emergency tool kit (fire extinguisher and first aid kit).

## COMPUTER LABORATORY



CE 10 Computer Laboratory





**CE 11 Computer Laboratory**



**CE 16 Computer Laboratory**

The Department of Computing and Library Information Science has four computer laboratories for Computer Subjects. Each laboratory room has a capacity of 30 to 35



UNIVERSITY OF SOUTHERN MINDANAO  
Kabacan, Cotabato  
Philippines

LABORATORY EQUIPMENT INVENTORY AS OF JANUARY 24, 2025

BIOLOGY CENTRAL LABORATORY

QTY	NAME OF EQUIPMENT	SPECIFICATIONS					DATE OF PURCHASE	UNIT COST	SOURCE OF FUND	LOCATION	STATUS (FUNCTIONAL, FOR REPAIR/CALIBRATION / CLEANING)
		Brand	Model	Serial Number	Capacity	Property Number					
1	Aircon (2HP)	PANASONIC	N/A	N/A		LCL-221-0318		25,000.00	Lab. Fee 164	Water Lab.	Functional
1	Aircondition 1.5HP	NATIONAL	N/A	N/A		LCL-221-0318	N/A	N/A	Lab. Fee 164	Faculty Office	Functional
1	Aircondition, 2.5HP	PANASONIC	CW-XC244EPH	850600615		LU-221-0318	1/10/2008	30,383.00	Lab. Fee 164	Bio. Central lab.	Functional
1	Aircondition/Floor Mounted Split type	KOPPEL	KM36EOA	GL248650			09/01/2018	63,000	USM Admin	Bio. Central lab.	Functional
1	Aircondition Floor mounted, split type	KOPPEL	KFM-36EOA	GL248626			09/20/2018	63,000	USM Admin	BioFaculty Office	Functional
1	Aircondition/wall ttp	DAIKEN	RNS0AGXL9	K000895			09/20/2018		USM Admin	Micro Lab. 212	Functional
1	Aircondition/wall	DAIKEN	FTN50AGX	K000902			09/20/2018		USM Admin	Micro Lab.	functional

USM-EDL-Fo8-Rev.1.2023.01.08

Prepared by: *Saimel A. Caluyan*  
Lab. Aide

Checked by: *Cromwel M. Jumao-As*  
Bio. Lab. Incharge



UNIVERSITY OF SOUTHERN MINDANAO  
Kabacan, Cotabato  
Philippines

LABORATORY EQUIPMENT INVENTORY AS OF JANUARY 24, 2025

BIOLOGY CENTRAL LABORATORY

	type		VL9						212			
1	Aircondition/Wall type	DAIKEN	FTN50AGX VL9	K000450			09/20/2018		USM Admin	Ecology. Lab 216.	functional	
1	Analytical balance	CHYO	AA-200 & JL-180	69467		RSTC-233-022	1/18/1995	61,875.00	DOST Funded	Bio. Central lab.	Functional	
1	Analytical balance	Biobase	BA2004C	17T-0291		PCA-233-120	05/29/2017	70,800	PCAARRD	Bio. Central lab.	Functional	
1	Autoclave, Digital	Hnoteck	YXQ	250A,125		PCA-233-21	05/29/2017	83,020	PCAARRD	Micro-complex	Functional	
1	Bacti- Cinerator	Biobase					12/15/2022	28,525	Lab fee 164	Bio. Central lab	Functional	
4	Beam Balance		310-311	9544		RSTC-25015	1/31/1996		DOST Funded	22,000.00	Bio. Central lab.	Functional
20	CeilinSg fan	PANASONIC	3D	EF11208699		LCL-233-13012	7/7/2012	1,500.00	Lab. Fee 164	Bio. Central lab.	Functional	
1	Centrifuge	CLAY ADAMS	420225	3.5003E+10		MAEP-233-002	5/12/1998	28,520.00	MAEP Funded	Bio. Central lab.	Functional	
1	Centrifuge Micro Refrigerated	Thermo Fisher	LEGEND MICRO 17R	41791736		O15-05-11-0052	05/19/2015	240,000	Bio. Lab Fee	Bio. Central Lab	Functional	

USM-EDL-Fo8-Rev.1.2023.01.08

Prepared by: *Saimel A. Caluyan*  
Lab. Aide

Checked by: *Cromwel M. Jumao-As*  
Bio. Lab. Incharge



UNIVERSITY OF SOUTHERN MINDANAO  
Kabacan, Cotabato  
Philippines

LABORATORY EQUIPMENT INVENTORY AS OF DECEMBER 25, 2025

BIOLOGY CENTRAL LABORATORY

1	Aircondition/Wall type	DAIKEN	VL9							212	
			FTN50AGX VL9	K000450			09/20/2018		USM Admin	Ecology. Lab 216.	functional
1	Analytical balance	CHYO	AA-200 & JL-180	69467		RSTC-233-022	1/18/1995	61,875.00	DOST Funded	Bio.Centra l lab.	Functional
1	Analytical balance	Biobase	BA2004C	17T-0291		PCA-233-120	05/29/2017	70,800	PCAARRD	Bio. Central lab.	Functional
1	Autoclave, Digital	Hnoteck	YXQ	250A,125		PCA-233-21	05/29/2017	83,020	PCAARRD	Micro-complex	Functional
1	Bacti- Cinerator	Biobase					12/15/2022	28,525	Lab fee 164	Bio.Centra l lab	Functional
4	Beam Balance		310-311	9544		RSTC-25015	1/31/1996		DOST Funded	Bio. Central lab.	Functional
20	CeilinSg fan	PANASONIC	3D	EF11208699		LCL-233-13012	7/7/2012	1,500.00	Lab. Fee 164	Bio.Centra l lab.	Functional
1	Centrifuge	CLAY ADAMS	420225	3.5003E+10		MAEP-233-002	5/12/1998	28,520.00	MAEP Funded	Bio. Central lab.	Functional
1	Centrifuge Micro Refrigerated	Thermo Fisher	LEGEND MICRO 17R	41791736		O15-05-11-0052	05/19/2015	240,000	Bio.Lab Fee	Bio. Central Lab	Functional

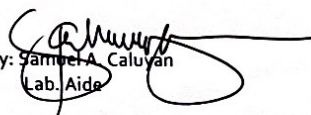


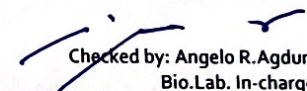
UNIVERSITY OF SOUTHERN MINDANAO  
Kabacan, Cotabato  
Philippines

LABORATORY EQUIPMENT INVENTORY AS OF DECEMBER 25, 2025

BIOLOGY CENTRAL LABORATORY

QTY	NAME OF EQUIPMENT	SPECIFICATIONS					DATE OF PURCHASE	UNIT COST	SOURCE OF FUND	LOCATION	STATUS (FUNCTIONAL, FOR REPAIR/CALIBRATION / CLEANING)
		Brand	Model	Serial Number	Capacity	Property Number					
1	Aircon (2HP)	PANASONIC	N/A	N/A		LCL-221-0318		25,000.00	Lab. Fee 164	Water Lab.	Functional
1	Aircondition 1.5HP	NATIONAL	N/A	N/A		LCL-221-0318	N/A	N/A	Lab. Fee 164	Faculty Office	Functional
1	Aircondition, 2.5HP	PANASONIC	CW-XC244EPH	850600615		LU-221-0318	1/10/2008	30,383.00	Lab. Fee 164	Bio. Central lab.	Functional
1	Aircondition/Floor Mounted Split type	KOPPEL	KM36EOA	GL248650			09/01/2018	63,000	USM Admin	Bio. Central lab.	Functional
1	Aircondition Floor mounted, split type	KOPPEL	KFM-36EOA	GL248626			09/20/2018	63,000	USM Admin	BioFaculty Office	Functional
1	Aircondition/wall ttype	DAIKEN	RN50AGXV L9	K000895			09/20/2018		USM Admin	Micro Lab. 212	Functional
1	Aircondition/wall	DAIKEN	FTN50AGX	K000902			09/20/2018		USM Admin	Micro Lab.	functional

Prepared by:   
Lab. Aide

Checked by:   
Bio.Lab. In-charge



UNIVERSITY OF SOUTHERN MINDANAO  
Kabacan, Cotabato  
Philippines

LABORATORY EQUIPMENT INVENTORY AS OF DECEMBER 25, 2025

BIOLOGY CENTRAL LABORATORY

1	Centrifuge, Micro Refrigerated	Diab	D30224R	LR185AG0000 442		PCA-233-23	08/01/2018	247,690	PCAARRD	Micro-complex	Functional
1	Centrifuge, micro plate	Hinoteck	Mini-25	AO45-01774		PCA-233-017	05/29/2017	39,000	PCAARRD	Bio. Central Lab.	Functional
1	Colony counter	SCHUETT BIOTEC.DE	SUNTEX 560	941202537		RSTC-233-048	8/9/1995	14,673.75	DOST Funded	Bio. Central lab.	Functional
1	Computer monitor	VIEWSONIC	QPG07272 0153	QPG07272015 3		TTN-223-0063	11/11/2007	42,000.00	Lab. Fee 164	Bio. Central lab.	Functional
1	Computer System set	BENQ	G610HDA	ETR89026690 26		164-223-0078	1/12/2005	15,000.00	Lab. Fee 164	Bio. Central lab.	Functional
1	Desolve Oxygen Meter	LUTRON YK-22DO	OXHD-04	RS232		164-233-0121	8/24/2011	34,000.00	Lab. Fee 164	Bio. Central lab.	Functional
1	Digital light Projector	OPTOMA (2)	S316	Q8WQ431AA AAAC0066		LCL-221	8/29/2014	51,000.00	Lab. Fee 164	Bio. Central lab.	Functional
1	Digital light Projector	OPTOMA (3)	S316	Q8WQ431AA AAAC0090		LCL-221	8/29/2014	51,000.00	Lab. Fee 164	Bio. Central lab.	Functional



UNIVERSITY OF SOUTHERN MINDANAO  
Kabacan, Cotabato  
Philippines

LABORATORY EQUIPMENT INVENTORY AS OF DECEMBER 25, 2025

BIOLOGY CENTRAL LABORATORY

1	Digital light Projector	EPSON (2)	EB-S31	WDWK-7501066		N/A	9/6/2017	47,500.00	Lab. Fee 164	Bio. Central lab.	Functional
1	Digital light Projector	EPSON (1)	EB-S31	WDWK-7501468		N/A	9/6/2017	47,500.00	Lab. Fee 164	Bio. Central lab.	Functional
1	Digital light Projector	EIKI	LC-3310	540738		RSTC-233-021	2/12/1996	130,725.00	Lab. Fee 164	Bio. Central lab.	Functional
1	Digital Light Projector(DLP)	ACER	DSV1727	MRJPZ110068 29018705900			09/20/2018		USM Admin	Bio. Central Lab.	Functional
1	Electrophoresis	ENDURO	GEL XL	E001078		LCL-233	8/24/2011	59,000.00	Lab. Fee 164	Room 214	Functional
1	Electrophoresis	Clever Scientific	MSCHOICE TRIO			PCA-233-018	05/29/2017	63,900	PCAARRD	Bio. Central Lab.	Functional
1	Exhaust fan	ASAHI	EF-10	806514		LCL-233-050	11/8/2007	6,975.00	Lab. Fee 164	Bio. Central lab.	Functional
1	Global positioning system	GARMIN	1269B-02	5.38E+09		N/A	8/5/2006	19,950.00	Lab. Fee 164	Bio. central lab.	Functional
1	Global Positioning System	GARMIN	GPSmap 64sc	N/A		Bat Project	04/04/2024	Donated	CHED BAT Project	Bio. central lab	Functional



**UNIVERSITY OF SOUTHERN MINDANAO**  
Kabacan, Cotabato  
Philippines

**LABORATORY EQUIPMENT INVENTORY AS OF DECEMBER 25, 2025**

**BIOLOGY CENTRAL LABORATORY**

	Binocular non-electric					312 UNESCO	7/30/1962		SCO	Central lab.	
1	Micro Stereoscope Binocular non-electric	OLYMPUS	SZ-ST	K3354		VLIR		8000	donated	Bio. Central lab.	Functional
1	Micro Stereoscope Trinocular	OLYMPUS	N/A	N/A		101 -221-234 UNESCO	1962	37,500.00	Donated, UNE SCO	Bio. Central lab.	Functional
1	Micro Stereoscope with zoom lens	KEN-AVISSION	T-2600-230	260907411		101-221-123	11/10/2007	85,000.00	Lab. Fee 164	Bio. Central lab.	Functional
1	Micro Stereoscope	Olympus	SZ51	2 J05379			11/14/2022	117,000	Bio.Lab Fee	Bio. central Lab.	Functional
1	Micropipettor, (blue)	LABMATE	LM10	7.46E+08		LCL-223-0053	N/A	9,206	Lab. Fee 164	Bio. Central lab.	Functional
1	Micropipettor, (yellow)	LABMATE	LM10	7.46E+08		LCL-223-0053	N/A	9,206	Lab. Fee 164	Bio. Central lab.	Functional
1	Micropipettor (Red)	LABMATE	LM10	7.46E+08		LCL-223-0053	N/A	9,206.00	Lab. Fee 164	Bio. Central lab.	Functional



**UNIVERSITY OF SOUTHERN MINDANAO**  
Kabacan, Cotabato  
Philippines

**LABORATORY EQUIPMENT INVENTORY AS OF DECEMBER 25, 2025**

**BIOLOGY CENTRAL LABORATORY**

7 set	Micropipettor	Hinoteck	H2,H20,H200			PCA-233-019	05/29/2017	35,490	PCAARRD	Bio. Central Lab.	Functional
2	Microscope Binocular,electric	MEIJI JAPAN	TM 450	N/A		MAEP-233-001	10/8/1998	116,000.00	Lab. Fee 164	Bio. Central lab.	Functional
1	Microscope Binocular,electric	KEN-A VISION	T-1903-230	190608882		164-233-0119	11/10/2007	85,000.00	Lab. Fee 164	Bio. Central lab.	Functional
6	Microscope Binocular,electric	KEN-A VISION	TU-17031C-230	17031EU1014025		LCL-233-0110	11/10/2007	174,000.00	Lab. Fee 164	Bio. Central lab.	Functional
2	Microscope binocular Microscope Binocular,non-electric	OLYMPUS	N/A	N/A		UNESCO	7/30/1962	1,480.00	Lab. Fee 164	Bio. Central lab.	Functional
1	Microscope Binocular Electric	F.G.R. STEINMETZ Co.	N/A	N/A		VLIR	N/A	N/A	Donated	Bio. Central lab.	Functional
1	Microscope Binocular-electric	WILD	HEERBRUG G	M20-41884		VLIR		donated	Donated VLIR	Bio central lab	Functional
39	Microscope, Compound,non-	OLYMPUS	N/A	N/A		UNESCO	7/30/1962	2,072.87D	Donated,UNESCO	Bio. Central	Functional



**UNIVERSITY OF SOUTHERN MINDANAO**  
Kabacan, Cotabato  
Philippines

**LABORATORY EQUIPMENT INVENTORY AS OF DECEMBER 25, 2025**

**BIOLOGY CENTRAL LABORATORY**

	electric									lab.	
10	Microscope,Compound,non-electric	CARTON	KWD	N/A		RSTC-233-067	4/16/1998	168,000.00	Donated,DOST	Bio. Central lab.	Functional
5	Microscope,Monocular(Electric)	OLYMPUS	OA	N/A		UNESCO	7/30/1962	975.00	Donated,UNESCO	Bio. Central lab.	Functional
6	Microscope,Compound,non-electric	OPTECH	N/A	N/A		164-233-0103	12/5/2001	90,000.00	Lab. Fee 164	Bio. Central lab.	Functional
1	Microscope compound,non-electric	MOTIC	N/A	405126		LCL-233-0042	N/A	N/A	Lab. Fee 164	Bio. Central lab.	Functional
2	Microscope Compound,non-electri	Bausch & LOMB	N/A	N/A		UNESCO	7/30/1962	16,666.70	Donated, UNESCO	Bio. Central lab.	Functional
25	Microscope , compound(china)	(China)	N/A	N/A		RSTC-233-066	4/16/1995	112,500.00	Donated,DOST	Bio. Central lab.	Functional
1	MicroscopeProjector with rack		X1000	39085		LCL-233-0052	12/29/2006	65,000	Lab. Fee 164	Bio. Central lab.	Functional



**UNIVERSITY OF SOUTHERN MINDANAO**  
Kabacan, Cotabato  
Philippines

**LABORATORY EQUIPMENT INVENTORY AS OF DECEMBER 25, 2025**

**BIOLOGY CENTRAL LABORATORY**

1	Microscope Binocular with Drawing Tube, Electric	OLYMPUS	CX21FSI	N/A		VLIR	Donated	N/A	Donated, VLIR	Bio. Central lab.	Functional
1	Microscope Binocular, Electric	OLYMPUS	CX31RBSF	8HO9309		164-Lab Fee	2005	68,000	Lab. Fee 164	Bio. Central lab.	Functional
1	Microscope Binocular with Drawing Tube, Electric	LEITZ WETZLAR	WZ25	66755		UC	Donated	N/A	Donated VLIR	Bio. central Lab.	Functional
	Microscope w/Mounted Camera	OLYMPUS CX41	CX41-32CD-2	5J41286		S & T	03/22/2016	687,000	S & T Ched Fund	Bio. Central Lab.	Functional
1	Minivid Camera	LW	N/A	A/R		LCL-221-0290	2/6/2007	24,506.87	Lab. Fee 164	Bio Central lab.	Functional
1	Olympus Cx41	OC	CX41-3202	5741986		980018	PB		Lab. Fee 164	Bio Central lab.	Functional
1	Oven Dryer	Binder	TK4067			TK4067	9/30/1996	50,117.25	Lab. Fee 164	Microcom plex lab	Functional
1	Oven Incubator	EHRET	TK4067	L4418		TB-41D6	9/30/1996	40,627.15	Lab. Fee 164	Thesis lab.	

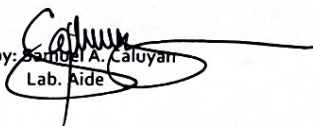


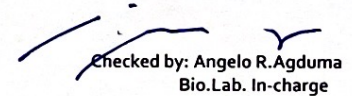
UNIVERSITY OF SOUTHERN MINDANAO  
Kabacan, Cotabato  
Philippines

LABORATORY EQUIPMENT INVENTORY AS OF DECEMBER 25, 2025

BIOLOGY CENTRAL LABORATORY

1	pH Meter	SARTURIUS	PT-10	16450698		PT-10	9/5/2006	43,000.00	Lab. Fee 164	Bio.Centra I lab.	Functional
50	Plastic Stool						05/20/2023	14,500	COD Fund 164	BCL Lab	Existing
1	Polar Saccharimeter	ERMA	N/A	I/R		CE	1/18/1995	68,975.00	Lab. Fee 164	Bio. Central lab.	Functional
1	pH Spear Food Testing	OAKTON	CE	35634-40		N/A	9/24/2011	13,000.00	N/A	N/A	N/A
1	Rain Gauge	RAINWISE	N/A	N/A		N/A	7/12/2010	12,848.00	Lab. Fee 164	Bio.centra I Lab.	Functional
1	Refractometer/Salinity	A.S.T JAPAN	N/A	N/A		N/A	5/9/1994	5,582.00	Lab. Fee 164	Bio Central lab	Functional
1	Refrigerator 7 Cu.ft	NATIONAL	NR-A702ELD	311302846		TTN-25013-0022	11/25/2006	22,748.58	Lab. Fee 164	Bio Central lab.	Functional
1	Refrigerator (2door), 7 Cu.ft	SANYO	SR-D39T MS	00905349			11/25/2006	22,748.58	Lab. Fee 164	Water lab	Functional
1	Refrigerator 13.5 ft	SAMSUNG	SK182H-L2U	1296CCAY800284		164-	11/25/2007	22,748.58	Lab. Fee 164	Micro. Complex lab	Functional

Prepared by:   
Lab. Aide

Checked by:   
Bio.Lab. In-charge





UNIVERSITY OF SOUTHERN MINDANAO  
Kabacan, Cotabato  
Philippines

LABORATORY EQUIPMENT INVENTORY AS OF DECEMBER 25, 2025

BIOLOGY CENTRAL LABORATORY

1	Refrigerator,Chiller,7 Cu ft	FujiDenzo	SU-70A				05/18/2023	21,200	Lab Fee 164	BCL Lab	Functional
2	Soil Corer	AUS	AMS	N/A		164-233- 0118	11/27/2010	68,850.00	Lab. Fee 164	BiCentral lab.	Functional
2	Soil pH meter	KELWAY &	DM-5	533321		164-233- 0122	11/27/2010	13,000.00	Lab. Fee 164	Bio.Centra l lab.	Functional
1	Spirometer		7087-200	6.59E+08		164-233- 0125	6/29/2011	46,500.00	Lab. Fee 164	Bio. Central lab.	Functional
1	Stroboscope Philip Harris		N/A	N/A		RSTC-233- 065	8/19/1997	10,000.64	Lab. Fee 164	Bio. Central lab.	Functional
1	Televation 18"		AV21P7	14550427		LCL-229- 0041A	9/14/1999	24,900.00	Lab. Fee 164	Bio. Central lab.	Functional
1	Vortex mixer shaker	BARNSTEAD /THERMOLY NE	M63215	63298037937 6		MAEP-233- 008	09/15/98	22,230.00	Lab. Fee 164	Bio .Central lab.	Functional
1	Vortex Mixer	Fisher Scientific	FBA# 12- 0060800	HSA71862		PCA-233- 016	05/29/2017	29,000	PCAARRD	Microcom plex lab.	Functional
1	Thermacycler	BIO ROD	T100-96	621BR25969			12/14/2015	340,000	Lab. Fee 164	Bio. Central lab.	Functional

Prepared by   
Samuel A. Caluyan  
Lab. Aide

  
Checked by: Angelo R. Agduma  
Bio.Lab. In-charge



**UNIVERSITY OF SOUTHERN MINDANAO**  
Kabacan, Cotabato  
Philippines

**LABORATORY EQUIPMENT INVENTORY AS OF DECEMBER 25, 2025**

**BIOLOGY CENTRAL LABORATORY**

1	Homogenizer	MINI-Beadbeter	N/A	N/A		RSTC-233-014	11/25/1994	40,300.00	Lab. Fee 164	Bio. Central lab.	Functional
1	Incubator	Biobase	BJPX	H23011			04/03/2023	87,550	Lab fee 164	Micro-complex	Functional
1	Kymograph	PHIPPS&BIRD	LU-09-0905	2.11E+08		LCL-233-0110	5/24/2011	223,000.00	Lab. Fee 164	Bio. Central lab.	Functional
1	Laminar flow	ULTRA PURE AIR	HLC-4	10803013		LCL-223-0111	5/23/2008	188,000.00	Lab. Fee 164	Micro-complex.	Functional
1	Light meter, Manual	GE	N/A	N/A		MAEP-233-004	7/1/1998	7,366.00	Lab. Fee 164	Bio. Central lab.	Functional
1	Light Meter-Digital	QUANTUM METER	BQM	N/A		RSTC-233-066	8/19/1997	5,280.66	Lab. Fee 164	Bio. Central lab.	Functional
1	Micro Stereoscope Trinocular	CARTON	N/A	N/A		RSTC-283-051		37,785.00	Donated, DOS T	Bio. Central lab.	Functional
1	Micro Stereoscope Binocular, non-electric	CETI	N/A	N/A		UC Donated	10/8/1998	N/A	Donated	Bio. Central lab.	Functional
19	Micro Stereoscope	OLYMPUS	N/A	N/A		101-221-		3,705.00	Donated, UNE	Bio.	Functional




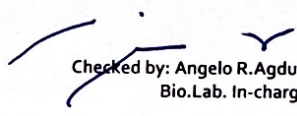
**UNIVERSITY OF SOUTHERN MINDANAO**  
Kabacan, Cotabato  
Philippines

**LABORATORY EQUIPMENT INVENTORY AS OF DECEMBER 25, 2025**

**BIOLOGY CENTRAL LABORATORY**

1	Laptop	ACER	MS2360	NXM5SSP001 3139		LCL-223-0124	5/27/2011	70,000.00	Lab. Fee 164	Bio. Central lab	For condemned
1	Television 29"		AV-27950	17320282		LCL-233-001	9/14/1999	32,300.00	Lab. Fee 164	Bio. Central lab.	For condemned
1	Vacuum Pump		CA55KADJ W2137	LR2459E2292 2		RSTC-233-074	8/9/1995	34,400.00	Lab. Fee 164	Bio. Central lab.	For Condemned
1	Microwave Oven	GE	WP700AL1 7	JE1884PESS		LCL-233-021	8/20/2010	778.94	Lab. Fee 164	Water Lab	For Condemned
1	Microwave Oven	3D	WP700AL1 7	JE1884PESS		LCL-233-021	8/20/2010	778.94	Lab. Fee 164	Bio. Central lab.	For Condemned
1	Oven Incubator	EHRET	TK4067	19324		TB-41D6	9/30/1996	40,627.15	Lab. Fee 164	Bio. Central lab.	For repair
1	Microscope with Photomicrograph	CETI	TOPIC-T	42459		MAEP-233-002	Donated	150,000.00	Lab. Fee 164	Bio. Central lab.	For repair
1	Oven Incubator	EHRET	TK4067	19324		TB-41D6	9/30/1996	40,627.15	Lab. Fee 164	Bio. Central lab.	For repair
1	Rotary Microtome	YL3-A	N/A	Y98096		MAEP-233-001	7/14/1998	150,000.00	Lab. Fee 164	Water Lab.	For repair

Prepared by:   
Samuel A. Caluyan  
Lab. Aide

Checked by:   
Angelo R. Agduma  
Bio. Lab. In-charge



**UNIVERSITY OF SOUTHERN MINDANAO**  
Kabacan, Cotabato  
Philippines

**LABORATORY EQUIPMENT**

As of January 18, 2025  
**S&T BIOLOGY LABORATORY**

QUANTITY	NAME OF EQUIPMENT	SPECIFICATIONS					DATE OF PURCHASE	UNIT COST	SOURCE OF FUND	LOCATION	STATUS (FUNCTIONAL, FOR REPAIR/ CALIBRATION/ CLEANING)
		Brand	Model	Serial Number	Capacity	Property Number					
<b>MOLECULAR LABORATORY</b>											
1	Analytical Balance	Radwag	AS220/R2	569799	220g	233-032-0012				Mol. Lab	Functional
1	Analytical Balance	Shimadzu	ATX224	D307032951	220g	243-413-0231				Mol. Lab	Functional
1	Air conditioner	Koppel	KV36FM-ARF21C	MJ585565			05/08/2017	79,500.00		Mol. Lab	For Repair
1	Biofreezer	BIOBASE	BDF-2TH150			129-492-012			CHED	Mol. Lab	Functional
1	Calibration Slide									Mol. Lab	Functional
1	Computer Laptop	Dell		10025770610		212-982-32890	04/14/2018			Mol. Lab	Functional
1	Desktop Computer w/ accessories	Philips		Computer: 817YD56300110, Monitor:UH B2139004746		267-182-8792	2/23/2022	57,000		Mol. Lab	Functional
1	Distilling Apparatus	Rephile		SBRD63001						Mol. Lab	For Repair
1	Fume Hood	BIOBASE	PS1500	FH1521602010			06/022016	150,000.00		Mol. Lab	Functional
1	Gel Doc Ez Imager w/ Computer	Bio-Rad	Gel Doc™ Ez	735BR04696			05/06/2016	697,000.00		Mol. Lab	Functional
1	Gel Electrophoresis	Bio-Rad	Power Pac Basic	041BR164178		N-920	4/23/2018	98,000.00	CHED	Mol. Lab	Functional
1	Hot Plate								CHED	Mol. Lab	Functional
1	Microwave	Samsung	MC32K7055KT	OAMF7WRJ700011L					CHED	Mol. Lab	Functional
1	Mortar and Pestle									Mol. Lab	Functional

1	Multichannel Pipettor	Watson Nexty	Nexty 8200	815151311	20-200µL					Mol. Lab	Functional
1	Multichannel Pipettor	Watson Nexty	Nexty 810	81215141	1-10 µL					Mol. Lab	Functional
2	Pipettor Set	Watson			2 µL 10 µL 20 µL 100 µL		4/23/2018	70,000	CHED	Mol. Lab	Functional
1	pH meter Bench Type	Orion Star A111							CHED	Mol. Lab	Functional
1	Pressure Cooker								CHED	Mol. Lab	For Condemn
1	Printer	Epson	L3210 Ecotank	X8HV142775		P-001	2/23/2021	9,100.00		Mol. Lab	Functional
1	Refrigerated Centrifuge	HERMLE	2216M	82180012					CHED	Mol. Lab	For Repair
1	Roller for Micro Seal Film	Bio-Rad	1-800-4BIORAD								Functional
14	Sample Collection Tube										
12	Screw Capped Tube	Pyrex			10 ml					Mol. Lab	Functional
1	Spectrophotometer	Thermo Scientific	MULTISKAN GO w/ Cuvette	151005325C					CHED	Mol. Lab	No cuvette
1	Stage Vacuum Pump		VP 115							Mol. Lab	Functional
17	Test tube non-screw capped	Pyrex			10 ml					Mol. Lab	Functional
1	Thermal Cycler	Thermo Fisher Scientific	Simpli Amp	228008012					CHED	Mol. Lab	Functional
1	Top Balance Weighing Scale	PADWAG	P54500.R1	577534			4/19/2018	50,000.00	CHED	Mol. Lab	Functional
1	Vortex		VM-2000						CHED	Mol. Lab	Functional
1	Water Bath	BIOBASE	SWB-B	712986					CHED	Mol. Lab	Functional
1	µdrop plate	Thermo Scientific		SN-640-03-443						Mol. Lab	Functional

#### PARASITOLOGY LABORATORY

1	Chest Freezer	Midea	FP-21RCH198LML W-W1	200008V231 91010435						Paras. Lab	Functional
1	Fume Hood	BIOBASE	FH1200(X)	FH12X18020 07					CHED	Paras. Lab	Functional
2	Graduated Cylinder				500 ml					Paras. Lab	Functional
1	Laptop	Acer	N20CA	NXAIXSP00 2104020P33 400			2/3/2022	73,000.00		Paras. Lab	Functional (no charger)
1	Laptop	Lenovo	CX23RTFS2	4C86580201 903			4/28/2018	350,000.00		Paras. Lab	Functional
1	Microscope compound	Olympus	CX23RTFS2	9CA658020						Paras. Lab	Functional
1	Microscope compound	Olympus	BX43	1F53289			10/05/2021	627,000.00		Paras. Lab	Functional
1	Table Top Centrifuge					098-802-0013				Paras. Lab	Functional
1	Pressure Cooker					092-911-9674				Paras. Lab	Functional

1	Sieve	W. S. Tyler test sieve	ASTM E11	191523353			1/14/2022	13,500.00		Paras. Lab	Functional
25	Test tubes	Pyrex			15 ml					Paras. Lab	Functional
7	Test tubes	Pyrex			25 ml					Paras. Lab	Functional
1000 tubes/bag	0.2 PCR tubes w/ Flat cap	Watson								Paras. Lab	
3 Box	Pipette Tips	Watson								Paras. Lab	
<b>Consumables</b>											
500 mL	Lugol's Iodine	Medic								Paras. Lab	
1 L	50x TAE Buffer	Bio-Rad								Paras. Lab	
1Kg	Borax	Organic Choice								Paras. Lab	
310 g	Di-sodium Hydrogen Orthophosphate									Paras. Lab	

#### MICROBIOLOGY LABORATORY

1	Air conditioner	Koppel	Floor Mounted KV36 FM ART21C	M5585497			05/08/2017	79,500.00		Micro. Lab	Functional
1	Autoclave	BIOBASE	BioBase Vertical Autoclave		75 L		01/26/2022	135,000.00		Micro. Lab	For Repair (AVR)
1	Biosafety Cabinet	ESCO	AC2-458-N5	2015-105974			02/29/2016	588,000.00		Micro. Lab	Functional
1	Refrigerator	Samsung	RT22FARBDU T	00244NAK9 00389N					CHED	Micro. Lab	Functional



**UNIVERSITY OF SOUTHERN MINDANAO**  
Kabacan, Cotabato  
Philippines

**LABORATORY EQUIPMENT**

As of January 18, 2025  
**MOLECULAR PARASITOLOGY RESEARCH LABORATORY**

QUANTITY	NAME OF EQUIPMENT	SPECIFICATIONS					DATE OF PURCHASE	UNIT COST	SOURCE OF FUND	LOCATION	STATUS (FUNCTIONAL, FOR REPAIR/CALIBRATION/CLEANING)
		Brand	Model	Serial Number	Capacity	Property Number					
<b>MOLECULAR LABORATORY</b>											
1	Analytical Balance	Radwag	AS220/R2	569799	220g	233-032-0012				Mol. Lab	Functional
1	Analytical Balance	Shimadzu	ATX224	D307032951	220g	243-413-0231				Mol. Lab	Functional
1	Air conditioner	Koppel	KV36FM-ARF21C	MJ585565			05/08/2017	79,500.00		Mol. Lab	For Repair
1	Biofreezer	BIOBASE	BDF-2TH150			129-492-012			CHED	Mol. Lab	Functional
1	Calibration Slide									Mol. Lab	Functional
1	Computer Laptop	Dell		10025770610		212-982-32890	04/14/2018			Mol. Lab	Functional
1	Desktop Computer w/ accessories	Philips		Computer: 817YD56300110, Monitor: UH B2139004746		267-182-8792	2/23/2022	57,000		Mol. Lab	Functional
1	Distilling Apparatus	Rephile		SBRD63001						Mol. Lab	For Repair
1	Fume Hood	BIOBASE	PS1500	FH1521602010			06/02/2016	150,000.00		Mol. Lab	Functional
1	Gel Doc Ez Imager w/ Computer	Bio-Rad	Gel Doc™ Ez	735BR04696			05/06/2016	697,000.00		Mol. Lab	Functional
1	Gel Electrophoresis	Bio-Rad	Power Pac Basic	041BR164178		N-920	4/23/2018	98,000.00	CHED	Mol. Lab	Functional
1	Hot Plate								CHED	Mol. Lab	Functional
1	Microwave	Samsung	MC32K7055KT	OAMF7WRJ700011L					CHED	Mol. Lab	Functional
1	Mortar and Pestle									Mol. Lab	Functional

1	Multichannel Pipettor	Watson Nexty	Nexty 8200	815151311	20-200µL					Mol. Lab	Functional
1	Multichannel Pipettor	Watson Nexty	Nexty 810	81215141	1-10 µL					Mol. Lab	Functional
2	Pipettor Set	Watson			2 µL 10 µL 20 µL 100 µL		4/23/2018	70,000	CHED	Mol. Lab	Functional
1	pH meter Bench Type	Orion Star A111							CHED	Mol. Lab	Functional
1	Pressure Cooker								CHED	Mol. Lab	For Condemn
1	Printer	Epson	L3210 Ecotank	X8HV142775		P-001	2/23/2021	9,100.00		Mol. Lab	Functional
1	Refrigerated Centrifuge	HERMLE	2216M	82180012					CHED	Mol. Lab	For Repair
1	Roller for Micro Seal Film	Bio-Rad	1-800-4BIORAD								Functional
14	Sample Collection Tube										
12	Screw Capped Tube	Pyrex			10 ml					Mol. Lab	Functional
1	Spectrophotometer	Thermo Scientific	MULTISKAN GO w/ Cuvette	151005325C					CHED	Mol. Lab	No cuvette
1	Stage Vacuum Pump		VP 115							Mol. Lab	Functional
17	Test tube non-screw capped	Pyrex			10 ml					Mol. Lab	Functional
1	Thermal Cycler	Thermo Fisher Scientific	Simpli Amp	228008012					CHED	Mol. Lab	Functional
1	Top Balance Weighing Scale	PADWAG	P54500.R1	577534			4/19/2018	50,000.00	CHED	Mol. Lab	Functional
1	Vortex		VM-2000						CHED	Mol. Lab	Functional
1	Water Bath	BIOBASE	SWB-B	712986					CHED	Mol. Lab	Functional
1	µdrop plate	Thermo Scientific		SN-640-03-443						Mol. Lab	Functional

**PARASITOLOGY LABORATORY**

1	Chest Freezer	Midea	FP-21RCH198LML W-W1	200008V231 91010435						Paras. Lab	Functional
1	Fume Hood	BIOBASE	FH1200(X)	FH12X18020 07					CHED	Paras. Lab	Functional
2	Graduated Cylinder				500 ml					Paras. Lab	Functional
1	Laptop	Acer	N20CA	NXAIXSP00 2104020P33 400			2/3/2022	73,000.00		Paras. Lab	Functional (no charger)
1	Laptop	Lenovo	CX23RTFS2	4C86580201 903			4/28/2018	350,000.00		Paras. Lab	Functional
1	Microscope compound	Olympus	CX23RTFS2	9CA658020						Paras. Lab	Functional
1	Microscope compound	Olympus	BX43	1F53289			10/05/2021	627,000.00		Paras. Lab	Functional
1	Table Top Centrifuge					098-802-0013				Paras. Lab	Functional
1	Pressure Cooker					092-911-9674				Paras. Lab	Functional

1	Sieve	W. S. Tyler test sieve	ASTM E11	191523353			1/14/2022	13,500.00		Paras. Lab	Functional
25	Test tubes	Pyrex			15 ml					Paras. Lab	Functional
7	Test tubes	Pyrex			25 ml					Paras. Lab	Functional
1000 tubes/bag	0.2 PCR tubes w/ Flat cap	Watson								Paras. Lab	
3 Box	Pipette Tips	Watson								Paras. Lab	
<b>Consumables</b>											
500 mL	Lugol's Iodine	Medic								Paras. Lab	
1 L	50x TAE Buffer	Bio-Rad								Paras. Lab	
1Kg	Borax	Organic Choice								Paras. Lab	
310 g	Di-sodium Hydrogen Orthophosphate									Paras. Lab	



UNIVERSITY OF SOUTHERN MINDANAO  
Kabacan, Cotabato  
Philippines

LABORATORY EQUIPMENT

As of January 18, 2025  
MICROBIOLOGY LABORATORY

QUANTITY	NAME OF EQUIPMENT	SPECIFICATIONS					DATE OF PURCHASE	UNIT COST	SOURCE OF FUND	LOCATION	STATUS (FUNCTIONAL, FOR REPAIR/CALIBRATION/CLEANING)
		Brand	Model	Serial Number	Capacity	Property Number					
1	Air conditioner	Koppel	Floor Mounted KV36 FM ART21C	M5585497			05/08/2017	79,500.00		Micro. Lab	Functional
1	Autoclave	BIOBASE	BioBase Vertical Autoclave		75 L		01/26/2022	135,000.00		Micro. Lab	For Repair (AVR)
1	Biosafety Cabinet	ESCO	AC2-458-N5	2015-105974			02/29/2016	588,000.00		Micro. Lab	Functional
1	Refrigerator	Samsung	RT22FARBDU T	00244NAK9 00389N					CHED	Micro. Lab	Functional



UNIVERSITY OF SOUTHERN MINDANAO  
Kabacan, Cotabato  
Philippines

GLASSWARES INVENTORY as of DECEMBER 25, 2025

BIOLOGY CENTRAL LABORATORY

Name of Glassware	Calibration/Capacity	Brand	Date Purchased	Quantity During Purchase	Quantity Left	Additional Stocks Requested	
Alcohol lamp	100ml			28pcs	28pcs		
Beaker	4000ml	Pyrex		1pc	1pc		
Beaker	2000ml	Pyrex		1pc	1pc		
Beaker	1000ml	Pyrex		14pcs	14pcs		
Beaker	600ml	Pyrex		5pcs	5pcs	08/20/2022	1pc
Beaker	500ml	Pyrex		8pcs	9pcs	01/28/2025	1PC
Beaker	400ml	Pyrex		1pcs	1pc		
Beaker	250ml	Pyrex		21pcs	34pcs	07/06/2023	10pcs
Beaker	200ml	Pyrex		1pc	1pc		
Beaker	150ml	Pyrex		6pcs	16 pcs	07/06/2023	10pcs
Beaker	100ml	Pyrex		27pcs	27 pcs		
Beaker	50ml	Pyrex		26 pcs	26 pcs		
Burette acid base	50ml	Pyrex		10pcs	10pcs		
Burette clamp				7pcs	7pcs		
Crucible tong				8pcs	8pcs		
Crucible with cover	30ml		05-11-2015	30pcs	60pcs	10/15/2021	30pcs
Dissecting pan				104pcs	104pcs		
Desiccator	big			2unit	2unit		
Desiccator	small			1unit	1unit		
Elisa plate				12pcs	12pcs		
Erlenmeyer flask	1000ml	Pyrex		1pc	1pc		
Erlenmeyer flask	500ml	Pyrex		11pcs	11pcs		
Erlenmeyer flask	250ml	Pyrex		38pcs	38pcs		
Erlenmeyer flask	125ml	Pyrex		17pcs	17pcs		
Eye wash				4pcs	4pcs		
Forceps				7pcs	7pcso		
Forceps (scissor type)				6pcs	16pcs	07/15/2022	10pcs
Funnel big	90ml			3pcs	3pcs		
Funnel small				5pcs	5pcs		



UNIVERSITY OF SOUTHERN MINDANAO

Kabacan, Cotabato

Philippines

GLASSWARES INVENTORY as of DECEMBER 25, 2025

BIOLOGY CENTRAL LABORATORY

Name of Glassware	Calibration/Capacity	Brand	Date Purchased	Quantity During Purchase	Quantity Left	Additional Stocks Requested	
							Quantity
Glass desiccator				2pcs	1pcs		
Graduated cylinder	500ml	Pyrex		6pcs	5pcs		
Graduated cylinder	250ml	Pyrex		4pcs	4pcs		
Graduated cylinder	100ml	Pyrex		5pcs	5pcs		
Graduated cylinder	50ml	Pyrex		19pcs	19pcs		
Graduated cylinder	10ml	Pyrex		32pcs	32pcs		
Hand lens	Standard			18pcs	18pcs		
Inoculating loops				29pcs	54pcs	07/08/2021	28 pcs
Knee hammer				17pcs	17pcs		
Laboratory tray	Standard			59pcs	59pcs		
L-funnel				10pcs	8pcs		
Media bottle	500ml	pyrex		11pcs	11pcs	07/06/2023	10pcs
Media bottle	250ml	pyrex		4pcs	14pcs	07/06/2023	10pcs
Medicine dropper	5ml			386pcs	380pcs		
Mortar and pistle	Standard			19pcs	19pcs		
Petri Dish	Standard	Pyrex,china & old	08-08-2017	662pcs	677pcs	01/28/2025	15pcs
Petr dish( small)	small	pyrex		46pcs	46pcs		
Pipette digital (yellow)	2-20ul	HTL LABMATE+		1pc	1pc		
Pipette digital(red)	0.5-10ul	HTL LABMATE+		1pc	1pc		
Pipette digital (blue)	100-1000ul	Dragon		3pc	3pc		
Pipette tips (blue)	5ml		06-08-2017	3000pcs	2768pcs		
Pipette tips (yellow)	1ml		06-08-2017	3000pcs	2876pcs		
Pipette tips rack			06-08-2017	3pcs	3pcs		
Pipettor stand				3pcs	2pcs		
Reagent bottle	500ml			2pcs	2pcs		
Reagent bottle	250ml			1pc	1pc		
Rain Gauge ( donated, Gelo)	250ml	plastis		18pcs	18pcs		
Serogigal pipette	10ml	Pyrex		4pcs	4pcs		
Spatula	Standard			5pcs	5pcs		
Staining dish	250ml			16pcs	11pcs		
Stirring rod	Standard			25pcs	21pcs	01/28/2025	1pc



UNIVERSITY OF SOUTHERN MINDANAO  
Kabacan, Cotabato  
Philippines

**GLASSWARES INVENTORY as of DECEMBER 25, 2025**

**BIOLOGY CENTRAL LABORATORY**

Test tube	20ml	Pyrex		204pcs	204pcs		
Test tube	15ml	Pyrex		39pcs	39pcs		
Test tube	10ml	Pyrex		1032pcs	1032pcs		
Test tube brush	Standard		12-10-2015	52pcs	40pcs		
Test tube(culture tube)	5ml	Pyrex		261pcs	189pcs		
Test tube holder	Standard			90pcs	78pcs		
Test tube(durham)	0.5ml			74 pcs	74 pcs		
Test tube rack	Wood			39 pcs	39 pcs		
Test tube rack	Plastic			7 pcs	7 pcs		
Test tube rack	Wire 72 holes		07/21/2017	5 pcs	5 pcs		
Test tube rack	Wire 40 holes		07/21/2017	10 pcs	10 pcs		
Test tube with capped	20ml	Pyrex		326pcs	326pcs	02/03/2022	150pcs
Test tube with capped	15ml	Pyrex		25 pcs	36pcs	01/28/2025	11pcs
Test tube with capped	10ml	pyrex		11 pcs	11 pcs		
Thermometer	90°c		09/16/2020	42pcs	42pcs		
Tistle tube,V-shape	Standard			8pcs	8pcs		
Tistle tube long	Standard			19pcs	19pcs		
Tuning fork with black base				4pcs	4pcs		
Tuning fork without black base				4pcs	4pcs		
Tuning fork				9pcs	9pcs		
Volumetric flask	1000ml	Pyrex		2pcs	2pcs		
Volumetric flask	100ml	Pyrex		4pcs	4pcs		
Volumetric flask	50ml	Pyrex		2pcs	2pcs		
Watch glass	Standard			30pcs	30pcs		
Wash bottle				17pcs	17pcs		
Wire loop	Standard			60 pcs	60 pcs		