



# AREA IX

## LABORATORIES

### C.1.3. CODING AND INVENTORY





UNIVERSITY OF SOUTHERN MINDANAO  
Kabacan, Cotabato

# INVENTORY REPORT OF USM PROPERTY, PLANT AND EQUIPMENT

December 31, 2024

Republic of the Philippines  
UNIVERSITY OF SOUTHERN MINDANAO  
Kabacan, Cotabato

INVENTORY COMMITTEE  
CY 2024

This is to certify that the following inventory of various properties/equipment of the University of Southern Mindanao consisting of **202** pages were actually verified, counted, found correct and existing as of December 31, 2024.

**SHIRLY J. MONDIA**  
Head, Property & Supply Office/  
Administrative Officer V

**ANACLETO G. DUQUE, JR.**  
Member

**CHERYL M. ITABLE**  
Member

**RENE P. LUCENA**  
Member

**JAY-R.G. VILDAC**  
Member

**IRVIN A. SALISE**  
Member

**JEAN E. AUSTRIA**  
Member

**MARGIE B. GALANG**  
Director, Admin Services/CAO

Article	New Property Number	Qty	Unit	Unit Cost	Total Cost	Date Acquired	Est. Useful Life	Scrap Value	Yearly Depr'n	Depr'n for the Period	Depr'n for Prior Year	Total Accum. Depr'n	Net Book Value	Accountable Officer	Remarks
1 Solar Powered Irrigation System	2019-05-04-001-00-01-04	1.0	lot	568,096.60	568,096.60	04/04/2019	10	28,404.83	53,969.18	53,969.18	251,856.17	305,825.35	262,271.25	Fortinez, Jr., Benjamin F.	
<b>Sub - Total</b>					9,078,096.60					551,294.18		6,985,394.08			
											6,434,099.90	2,092,702.52			
<b>10605110-B Laboratory Equipment</b>															
1 Rheometer	1993-05-11-009-00-03-04-01	1.0	unit	1,188,505.00	1,188,505.00	07/01/1993	10	59,425.25	112,907.98	0.00	1,129,079.75	1,129,079.75	59,425.25	Andug, Joseph D.	FD
2 Mooney Viscosimeter	1993-05-11-010-00-03-04-01	1.0	unit	728,270.00	728,270.00	07/01/1993	10	36,413.50	69,185.65	0.00	691,856.50	691,856.50	36,413.50	Andug, Joseph D.	FD
3 Two-roll Mill	1993-05-11-013-00-03-04-01	1.0	unit	1,730,000.00	1,730,000.00	07/01/1993	10	86,500.00	164,350.00	0.00	1,643,500.00	1,643,500.00	86,500.00	Andug, Joseph D.	FD
4 Hydraulic Press	1993-05-11-018-00-03-04-01	1.0	unit	371,368.00	371,368.00	07/01/1993	10	18,568.40	35,279.96	0.00	352,799.60	352,799.60	18,568.40	Andug, Joseph D.	FD
5 Muffle Furnace	1993-05-11-002-00-03-04-01	1.0	unit	104,172.50	104,172.50	07/01/1993	10	5,208.63	9,896.39	0.00	98,963.87	98,963.87	5,208.63	Andug, Joseph D.	FD
6 Natural Convection Oven	1993-05-11-005-00-03-04-01	1.0	unit	64,112.50	64,112.50	07/01/1993	10	3,205.63	6,090.00	0.00	60,906.87	60,906.87	3,205.63	Andug, Joseph D.	FD
7 Fumehood	1993-05-11-0014-00-03-04-01	1.0	unit	108,932.00	108,932.00	07/01/1993	10	5,446.60	10,348.54	0.00	103,485.40	103,485.40	5,446.60	Andug, Joseph D.	FD
8 Fumehood	1993-05-11-006-00-03-04-01	1.0	unit	96,246.00	96,246.00	07/01/1993	10	4,812.30	9,143.37	0.00	91,433.70	91,433.70	4,812.30	Andug, Joseph D.	FD
9 Fumehood	1993-05-11-004-00-03-04-01	1.0	unit	118,574.00	118,574.00	07/01/1993	10	5,928.70	11,264.53	0.00	112,645.30	112,645.30	5,928.70	Andug, Joseph D.	FD
10 Natural Convection Oven	1993-05-11-007-00-03-04-01	1.0	unit	64,112.50	64,112.50	07/01/1993	10	3,205.62	6,090.69	0.00	60,906.87	60,906.87	3,205.63	Andug, Joseph D.	FD

All laboratories in the university are manned by a laboratory head, laboratory technician and laboratory aides. The technician and/or the aides are responsible in the routine check-up and minor repairs of the equipment.

To ensure material control, accountability and maintenance, the Biology Central Laboratory is divided into three sections: (1) Equipment and Microscopy Section, (2) Glasswares and Anatomical Models Section, and (3) Chemical and Specimens Section. Each section has Staff in-charge who takes full responsibility of all materials belonging to their section. They keep careful and complete record of any materials being borrowed or used as well as in the care and maintenance of such. Complete inventory of materials as to the number of materials available, damaged item or broken apparatus, functional and non-functional equipment and amount or volume of any chemicals or reagents available in the lab are noted.

At the start of the semester, the students are oriented on the proper use and care of the laboratory equipment. Then the students are allowed to do hands-on exercises on the equipment with the close supervision of the teacher or laboratory personnel in-charge. Each equipment is provided with a notebook/logbook where students are asked to record the date, time, name of user, and the purpose of using the equipment every time he/she uses the equipment. Every after use, the staff in-charge checks the equipment as to functionality, missing parts and cleanliness. He then signs in the "checked by" section of the logbook if he finds the equipment in good condition. If not, this is noted in the incident report logbook for record and future references.

The laboratories have annual budget for repair, maintenance and calibration of equipment and renovation of laboratories. For the equipment, routine maintenance is done monthly by the laboratory technician and laboratory aides such as cleaning of microscopes and its lenses. These are entered in a log book for future reference. Equipment such as laminar flow, analytical balance, pH meter, etc. have regular maintenance check-up and calibration by trained technician either from the supplier as part of the after sales agreement annually or third party check-up from accredited servicing firms requested through public bidding. These have annual budget allocation from the laboratory fees.

For proper documentation, faculty, staff and students should report any damaged equipment to the laboratory staff in-charge in the equipment and microscopy section. For damaged glassware and other apparatus, it should be reported to the laboratory staff in-charge in the glassware and anatomical models section. The need for repair of the damaged equipment is determined by the laboratory staff in-charge. He shall assess the damaged part, nature and severity of the damage and makes report of the incident as evidenced in his incidence report logbook and relay the incident to the laboratory head.

The laboratory head then instructs the laboratory staff concerned to prepare request (Purchase Request) for repair. PR shall then be submitted to Records Office for Barcoding. Entries in the PR shall be checked and verified by the Bids and Awards Committee staff. The PR shall be submitted to different offices for signing including Supply Officer, Budget Officer, and University President. When the PR is approved, BAC prepares Request for Quotation/Canvass which shall then be approved by the President. Repairing party shall be selected through public bidding. Winning party shall then be informed to repair the equipment. When the service is satisfactorily rendered, which is determined by the laboratory head, staff in-charge and faculty user, proof of calibrations such as certificate of calibration and sticker label glued in the equipment shall be given by the technician/servicing company. Payment for services shall be claimed by the technician/company from the University cashier's office.

In some minor cases, the laboratory staff may repair slightly damaged equipment. For monitoring, the laboratory head shall perform scheduled inspection at least once a month and spot inspection as well of records and maintenance logs to assure that procedures are being followed and provide feedbacks. This shall then be recorded in his own logbook for future references.





**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. Centra I 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 I lab	Functional		
4	Bearn Balance		310-311	9544		RSTC-25015	1/31/1996	DOST Funded	22,000.00	Bio. Central lab.	Functional		
20	CeilingSg fan	PANASONIC	3D	EF11208699		LCL-233-13012	7/7/2012	1,500.00	Lab. Fee 164	Bio. Centra I 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		



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**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	Capa city	Property Number					
1	Aircon (2HP)	PANASONIC	N/A	N/A		LCL-221-0318	25,000.00	Lab. Fee 164	Water Lab.	Functional	
1	Aircon 1.5HP	NATIONAL	N/A	N/A		LCL-221-0318	N/A	Lab. Fee 164	Faculty Office	Functional	
1	Aircon 2.5HP	PANASONIC	CW-XC244EPH	850600615		LU-221-0318	30,383.00	Lab. Fee 164	Bio. Central lab.	Functional	
1	Aircon/Floor Mounted Split type	KOPPEL	KM36EOA	GL248650		09/01/2018	63,000	USM Admin	Bio. Central lab.	Functional	
1	Aircon Floor mounted, split type	KOPPEL	KFM-36EOA	GL248626		09/20/2018	63,000	USM Admin	BioFaculty Office	Functional	
1	Aircon/wall ttype	DAIKEN	RN50AGXV L9	K000895		09/20/2018		USM Admin	Micro Lab. 212	Functional	
1	Aircon/wall	DAIKEN	FTN50AGX	K000902		09/20/2018		USM Admin	Micro Lab.	functional	

Prepared by:   
Jannet A. Caluyan  
Lab. Aide

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



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**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	Capa city	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	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 tpe	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: Samuel A. Saluyan  
Lab. Aide

Checked by: Cronyette M. Jumao-As  
Bio. Lab. In-charge



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**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	Dessolve 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



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LABORATORY EQUIPMENT INVENTORY AS OF JANUARY 24, 2025

BIOLOGY CENTRAL LABORATORY

1	Digital light Projector (DLP)	EPSON (1)	EB-S31	WDWK-7501468	N/A	9/6/2017	47,500.00	Lab. Fee 164	lab. Bio. Centra l 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 (1)	X118	MRJLPZ110068 29018705900	2019-05-02-00008-00-01-08-02	09/11/2019	22,4008	USM Admin	Bio. Central Lab.	Functional
1	Digital Light Projector (DLP)	ACER (2)	X118	MRJLPZ110068 29017A15900	2019-05-02-00007-00-01-08-02	09/11/2019	22,4008		Bio Central lab	Functional
1	Digital Light Projector (DLP)	ACER(3)	X118	MRJLPZ110069 30018535900					Bio Central lab	Functional
	Digital Light Projector (DLP)	ACER (4)	X118	MRJLPZ110069 0900A9D5900					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	PCARRD	Bio. Central Lab.	Functional
1	Exhaust fan	ASAHl	EF-10	806514	LCL-233-050	11/8/2007	6,975.00	Lab. Fee 164	Bio.	Functional



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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 etrex	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

Prepared by: Arnel A. Caloyan  
Lab. Aide

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



UNIVERSITY OF SOUTHERN MINDANAO  
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**LABORATORY EQUIPMENT INVENTORY AS OF JANUARY 24, 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 XXXX	VIEWSONIC	QP607272 0153	QP607272015 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	Dessolve 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 (DLP)	OPTOMA (3)	S316	Q8WQ431AA AAAC0090	LCL-221	8/29/2014	51,000.00	Lab. Fee 164	Bio. Central lab.	Functional
1	Digital light Projector (DLP)	OPTOMA (2)	S316	Q8WQ431AA AAAC0066	LCL-221	8/29/2014	51,000.00	Lab. Fee 164	Bio. Central lab.	Functional
1	Digital light Projector (DLP)	EPSON (2)	EB-S31	WDWK-7501066	N/A	9/6/2017	47,500.00	Lab. Fee 164	Bio. Central	Functional

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Prepared by: *Spruella Saluyan*  
Lab. Aide

Checked by: *Crommel M. Juhao-As*  
Bio. Lab. In-charge



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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. Centra I 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



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**BIOLOGY CENTRAL LABORATORY**

	Trinocular					051												
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 Binocular non-electric	OLYMPUS	N/A	N/A		101-221-312 UNESCO	7/30/1962	3,705.00	Donated, UNE SCO	Bio. Central lab.	Functional							
1	Micro Stereoscope Binocular non-electric	OLYMPUS	SZ-5T	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	2105379			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	Functional							

Checked by: Annelo P. A. A.

USM-EDL-F08-Rev. 1.2021.01.08

Prepared by: *Srinuvar Sajivan*  
Lab. Aide

Checked by: *Crommel M. Jirao*  
Bio. Lab. In-charge



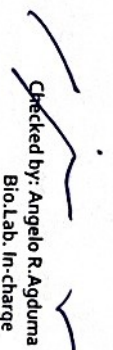
**UNIVERSITY OF SOUTHERN MINDANAO**  
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Philippines

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**BIOLOGY CENTRAL LABORATORY**

7	Micropipettor set	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	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, UNE SCO	Bio. Central	Functional

Prepared by:   
Samson A. Cduyan  
Lab. Aide

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



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Philippines

LABORATORY EQUIPMENT INVENTORY AS OF JANUARY 24, 2025

BIOLOGY CENTRAL LABORATORY

1	Global positioning system	GARMIN etrex	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
1	Homogenizer	MINI-Beadbeater	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	CARTON	N/A	N/A	RSTC-283-		37,785.00	Donated, DOS	Bio.	Functional

Prepared by: *Sammuel S. Caluyan*  
Lab. Aide

Checked by: *Cherry Ann Jumao-As*  
Bio. Lab. In-charge



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

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

**BIOLOGY CENTRAL LABORATORY**

	electric																			
10	Microscope, Compound, non-electric	CARTON	KWD	N/A		RSTC-233-067	4/16/1998	168,000.00	Donated, DOS T	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	OPTTECH	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	MOTTIC	N/A	405126		LCL-233-0042	N/A	N/A	Lab. Fee 164	Bio. Central lab.	Functional									
2	Microscope Compound, non-electric	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, DOS T	Bio. Central lab.	Functional									
1	Microscope Projector with rack		X1000	39085		LCL-233-0052	12/29/2006	65,000	Lab. Fee 164	Bio. Central lab.	Functional									



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LABORATORY EQUIPMENT INVENTORY AS OF JANUARY 24, 2025

BIOLOGY CENTRAL LABORATORY

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
7	Micropipettor set	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 Binocular,non-electric	OLYMPUS	N/A	N/A	UNESCO	7/30/1962	1,480.00	Lab. Fee 164	Bio. Central lab.	Functional

Prepared by: Samuel A. Caluyan  
Lab. Aide

Checked by: Cromwell M. Juhao-As  
Bio. Lab. In-charge



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BIOLOGY CENTRAL LABORATORY

1	Microscope Binocular with Drawing Tube, Electric	OLYMPUS	CX21FSI	N/A		VLIR	Donated	N/A		Bio. Central lab.	Functional
1	Microscope Binocular, Electric	OLYMPUS	CX31RBSF	8H09309		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.	

Prepared by:   
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Lab. Aide

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



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LABORATORY EQUIPMENT INVENTORY AS OF JANUARY 24, 2025

BIOLOGY CENTRAL LABORATORY

1	Microscope Binocular Electric	F.G.R. STEINMETZ Co.	N/A	N/A	N/A	VLIR	N/A	N/A	donated	Donated VLIR	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-electric	OLYMPUS	N/A	N/A		UNESCO	7/30/1962	2,072.87D	Donated, UNESCO	Donated, UNESCO	Bio. Central lab.	Functional
10	Microscope, Compound, non-electric	CARTON	KWD	N/A		RSTC-233-067	4/16/1998	168,000.00	Donated, DOS	Donated, DOS	Bio. Central lab.	Functional
5	Microscope, Monocular (Electric)	OLYMPUS	OA	N/A		UNESCO	7/30/1962	975.00	Donated, UNESCO	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	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	Lab. Fee 164	Bio. Central lab.	Functional



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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/Salinit y	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	1296CCAV800 284	164-	11/25/2007	22,748.58	Lab. Fee 164	Micro. Complex lab	Functional



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BIOLOGY CENTRAL LABORATORY

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, DOS T	Bio. Central lab.	Functional
1	Microscope Projector with rack		X1000	39085	LCL-233-0052	12/29/2006	65,000	Lab. Fee 164	Bio. Central lab.	Functional
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	8H09309	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



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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. Central 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	Televetion 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	HSAA71862		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: Sambolet Caluya  
Lab. Aide

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



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LABORATORY EQUIPMENT INVENTORY AS OF JANUARY 24, 2025

BIOLOGY CENTRAL LABORATORY

	Microscope, Olympus w/Mounted Camera	OLYMPUS CX41	CX41-32CD-2	5I41286	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.	
1	pH Meter	SARTURIUS	PT-10	16450698	PT-10	9/5/2006	43,000.00	Lab. Fee 164	Bio. Centra llab.	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	Functional

Prepared by: Sapriya Caluyán  
Lab. Aide

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Bio. Lab. In-charge



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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	PHILIPS&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	CFTI	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

Prepared by:   
Sarah A. Caluyan  
Lab. Aide

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



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LABORATORY EQUIPMENT INVENTORY AS OF JANUARY 24, 2025

BIOLOGY CENTRAL LABORATORY

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	1296CCAV800284	164-	11/25/2007	22,748.58	Lab. Fee 164	Micro. Complex lab	Functional
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		N/A	N/A	RSTC-233-	8/19/1997	10,000.64	Lab. Fee 164	Bio.	Functional



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LABORATORY EQUIPMENT INVENTORY AS OF DECEMBER 25, 2025

BIOLOGY CENTRAL LABORATORY

1	Laptop	ACER	MS2360	NXMSSSP001 3139	LCL-223- 0124	5/27/2011	70,000.00	Lab. Fee 164	Bio. Central lab	For condemned
1	Televetion 29"		AV-27950	17320282	LCL-233-001	9/14/1999	32,300.00	Lab. Fee 164	Bio. Central lab.	For condemned
1	Vacuum Pump		CAS5KADJ W2137	LR2459E2292 2	RSTC-233- 074	8/9/1995	34,400.00	Lab. Fee 164	Bio. Central lab.	For Condemned
1	Microwave Oven	GE	WP700A11 7	JE1884PESS	LCL-233-021	8/20/2010	778.94	Lab. Fee 164	Water Lab	For Condemned
1	Microwave Oven	3D	WP700A11 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.Centra llab.	For repair
1	Microscope with Photomicrograph	CETI	TOPIC-T	42459	MAEP-233- 002	Donated	150,000.0 0	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.Centra llab.	For repair
1	Rotary Microtome	YL3-A	N/A	Y98096	MAEP-233- 001	7/14/1998	150,000.0 0	Lab. Fee 164	Water Lab.	For repair



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**LABORATORY EQUIPMENT**

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

QUANTITY	NAME OF EQUIPMENT	Brand	Model	Serial Number	Capacity	Property Number	DATE OF PURCHASE	UNIT COST	SOURCE OF FUND	LOCATION	STATUS (FUNCTIONAL, FOR REPAIR, CALIBRATION/ CLEANING)
<b>MOLECULAR LABORATORY</b>											
1	Analytical Balance	Radwag	A5220/R2	569799	220g	233-032-0012				Mol. Lab	Functional
1	Analytical Balance	Shimadzu	ATX224	D307092951	220g	243-443-0231				Mol. Lab	Functional
1	Air conditioner	Koppel	KV36FM-ARE21C	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	Phillips		Computer: 817YD56300 110, Monitor: JH B2139004746		267-182-8792	2/23/2022	57,000		Mol. Lab	Functional
1	Distilling Apparatus	Rephile		5BRD63001						Mol. Lab	For Repair
1	Fume Hood	BIOBASE	PS1500	FH1521602010			06/022016	350,000.00		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	OAMF-WRJ700011L					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	Brand	Model	Serial Number	Capacity	Property Number	DATE OF PURCHASE	UNIT COST	SOURCE OF FUND	LOCATION	STATUS (FUNCTIONAL, FOR REPAIR/ CALIBRATION/ CLEANING)
<b>MOLECULAR LABORATORY</b>											
1	Analytical Balance	Radweg	AS220/R2	569799	2209	233-092-0012				Mol. Lab	Functional
1	Analytical Balance	Shimadzu	ATX224	D307023951	2209	243-413-0231				Mol. Lab	Functional
1	Air conditioner	Koppel	KV36FM-ARF21C	M1585565			05/08/2017	79,500.00		Mol. Lab	For Repair
1	Biofreezer	BIOBASE	BDF-2TH150			129-492-012				Mol. Lab	Functional
1	Calibration Slide	Dell		1002577061		212-982-3890	04/14/2018			Mol. Lab	Functional
1	Computer Laptop									Mol. Lab	Functional
1	Desktop Computer w/ accessories	Philips		Computer: 81YD56300 110, Monitor:UH B213900474 6		267-482-8792	2/23/2022	57,000		Mol. Lab	Functional
1	Distilling Apparatus	Rephile		SBRD63001						Mol. Lab	For Repair
1	Fume Hood	BIOBASE	P51500	FH15216020			06/02/2016	159,000.00		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	043BR46417 8			4/23/2018	98,000.00		Mol. Lab	Functional
1	Hot Plate									Mol. Lab	Functional
1	Microwave	Samsung	MC32K7055KT	OAMF-W/RJ 700011L						Mol. Lab	Functional
1	Mortar and Pestle									Mol. Lab	Functional

USM-EDL-F08

Molecular Parasitology Research Laboratory

Prepared by: Lohy F. Casim, PhD

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	0.2 PCR tubes w/ Flat cap tubes/bag	Watson									Paras. Lab	
3 Box	Pipette Tips	Watson									Paras. Lab	
<b>Consumables</b>												
500 mL	Lugol's Iodine	Medic									Paras. Lab	
1 L	sox TAE Buffer	Bio-Rad									Paras. Lab	
1Kg	Barax	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 ART11C	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	RT21FARBDU T	00744NAK9 00389N					CHED	Micro. Lab	Functional

LIST OF EQUIPMENTS *20*

BS ENVIRONMENTAL SCIENCE

No.	Particulars/Name of MEIs	Manufacturer/Brand	Price per unit
1	Analytical Balance	OHAUS	₱129,780.00
2	Autoclave	Tomy	₱27,500.00
3	BOD Incubator	BIOBASE	₱399,000.00
4	Compound Microscope	Ken-A-Vision	₱44,500.00
<del>5</del>	Conductivity Meter	Lutron	₱36,000.00
<del>6</del>	Cooler 7	Alpicool	₱70,000.00
<del>7</del>	Colorimeter	Lamotte	₱36,000.00
<del>8</del>	Density meter	Antor Paar	₱159,500.00
9	Desiccator	N/A	₱4,000.00
10	Digital Light Meter	Lutron	₱14,500.00
<del>11</del>	Dissolved Oxygen Meter	DO9100	₱6,500.00
12	Drying oven	HASUC	₱332,500.00
<del>13</del>	Electric Mixer	Magnetic Stirrer	₱22,750.00
<del>14</del>	End-over-end-shaker	Matest	₱24,750.00
<del>15</del>	Filtration setup	Millipore	₱170,000.00
<del>16</del>	Flow rate mater	N/A	₱56,000.00
17	Freezer	BIOBASE	₱70,000.00
18	Magnetic Stirrer	BIOBASE	₱47,000.00
<del>19</del>	Particulate Matter Sampler	PQ100	₱658,000.00
<del>20</del>	pH meter	PHB100	₱1,500.00
<del>21</del> 2	Plankton Net <i>- we need Ph.</i>	Lamotte	₱10,976.00
22	Rain gauge	OAKTON	₱4,900.00
23	Soil auger	Driller	₱59,000.00
<del>24</del>	Turbidity Meter	Lamotte	₱49,237.00
25	Ultra Pure Water Purification System	Merck	₱450,000.00

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