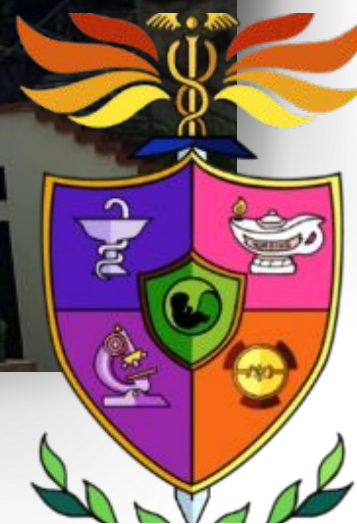




**BS BIOLOGY WITH SPECIALIZATION
IN MEDICAL BIOLOGY**

PROGRAM CATALOG

**SNA
SCHOOL OF NURSING, ALLIED
HEALTH, AND BIOLOGICAL SCIENCES**

SLU VISION-MISSION

We envision **Saint Louis University** as an excellent missionary and transformative educational institution, zealous in developing community-oriented and globally recognized professionals who are innovative, competent, compassionate, imbued with Christian spirit, and empowered to build a just, peaceful, and sustainable society.

SCHOOL VISION-MISSION

The **School of Nursing, Allied Health and Biological Sciences** envisions herself as the seat of excellence in Nursing, Allied Health and Biological Sciences Education that is dynamic and inspired by a Christian way of living, producing globally competitive and value-laden nurses and health-care professionals in service of humanity

SCHOOL PROSPECTUS (AY 2025 – 2026)



SNA

SCHOOL OF NURSING, ALLIED HEALTH, AND BIOLOGICAL SCIENCES

PROGRAM EDUCATIONAL OBJECTIVES (PEO)

The Program Educational Objectives (PEO) are designed to reflect the four core values of the University.

Louisian Biologists are expected to:

CHRISTIAN SPIRIT

PEO 1 Embody Christian values and professional integrity, consistently demonstrating ethical decision-making, respect for life, and stewardship of the environment in their biomedical practice.

COMPASSION

PEO 2 Demonstrate compassion through transformative community engagement initiatives that integrate biomedical skills which foster justice, social responsibility, and sustainable development.

COMPETENCE

PEO 3 Demonstrate fundamental biomedical knowledge, and transferable skills necessary for medical careers or advanced studies while committing to lifelong learning

INNOVATION

PEO 4 Design research-based, context-sensitive, and resource-efficient solutions integrating modern technologies with indigenous knowledge to promote health, conservation, and sustainability.



PROGRAM LEARNING OUTCOMES (PLO)

The Program Learning Outcomes (PLO) are designed to reflect the Program Educational Objectives to fully embody the core values of the University.

Louisian Biologists are expected to:

- PLO 1** Integrate Christian values in endeavors, upholding dignity, ethical service, stewardship of creation.
- PLO 2** Demonstrate compassion and ethical responsibility in applying biomedical knowledge. (SDG 3)
- PLO 3** Communicate biological knowledge effectively in both English and Filipino, in oral and written forms, while working independently and collaboratively in interdisciplinary and intercultural teams. (SDG 4)
- PLO 4** Demonstrate an in-depth knowledge and specialized skills for biomedical fields, researches, and related industries. (SDG 4)
- PLO 5** Apply mathematical, statistical, and computational methods, alongside appropriate technologies in analyzing biomedical data. (SDG 3,4,13)
- PLO 6** Develop innovative, community-inclusive strategies that integrate conservation practices and sustainable resource management. (SDG 11)

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CURRICULUM

FIRST YEAR			
COURSE NO.	DESCRIPTIVE TITLE	UNITS	CO / PRE-REQUISITES
1st Semester			
CFE 101	God's Journey with His People	3	
FIT HW	Physical Activity Towards Health and Fitness (Health and Wellness)	2	
GCORDI	Cordillera: History and Socio-Cultural Heritage	3	
GHIST	Readings in Philippine History	3	
GSELF	Understanding the Self	3	
MBiol 111	General Botany (LEC)	3	
MBiol 111L	General Botany (LAB)	2	
MBiol 112	Organic Molecules (LEC)	3	
MBiol 112L	Organic Molecules (LAB)	2	
TOTAL		24	
2nd Semester			
CFE 102	Christian Morality in our Times	3	
FIT CS	Physical Activity Towards Health and Fitness (Combative Sports)	2	
GCWORLD	The Contemporary World	3	
GENVI	Environmental Science	3	
GMATH	Mathematics in the Modern World	3	
MBiol 121	General Microbiology and Parasitology (LEC)	3	
MBiol 121L	General Microbiology and Parasitology (LAB)	2	
MBiol 122	General Zoology (LEC)	3	
MBiol 122L	General Zoology (LAB)	2	
TOTAL		24	
Short Term			
GRIZAL	The Life and Works of Rizal	3	
GSTS	Science, Technology, and Society	3	
NSTP-CWTS 1	Foundations of Service	3	
TOTAL		9	

SECOND YEAR			
COURSE NO.	DESCRIPTIVE TITLE	UNITS	CO / PRE-REQUISITES
1st Semester			
CFE 103	Catholic Foundation of Mission	3	
FIT AQ	Physical Activity Towards Health and Fitness (Aquatics)	2	
GART	Art Appreciation	3	
GENTREP	The Entrepreneurial Mind	3	
GETHICS	Ethics	3	
MBiol 211	Biomolecules (LEC)	3	MBiol 112
MBiol 211L	Biomolecules (LAB)	2	
MBiol 212	Systematic Biology (LEC)	3	MBiol 111 & 122
MBiol 212L	Systematic Biology (LAB)	2	
TOTAL		24	
2nd Semester			
CFE 104	CICM Missionary Identity	3	CFE 103
FIT OA	Physical Activity Towards Health and Fitness (Outdoor and Adventure Activities)	2	
GPCOM	Purposive Communication	3	
MBiol 221	General Physiology (LEC)	3	MBiol 111 & 122
MBiol 221L	General Physiology (LAB)	2	
MBiol 222	General Ecology (LEC)	3	GENVI
MBiol 222L	General Ecology (LAB)	2	
NSTP-CWTS 2	Social Awareness & Empowerment for Service	3	NSTP-CWTS 1
TOTAL		21	
Short Term			
MBiol 231	Biological Physics (LEC)	3	GMATH & MBiol 221
MBiol 231L	Biological Physics (LAB)	2	
MBiol 232	Statistical Biology (LEC)	2	GMATH
MBiol 232L	Statistical Biology (LAB)	2	
TOTAL		9	



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CURRICULUM

THIRD YEAR			
COURSE NO.	DESCRIPTIVE TITLE	UNITS	CO / PRE-REQUISITES
1st Semester			
MBiol 311	Cell and Molecular Biology (LEC)	3	MBiol 211 & 232
MBiol 311L	Cell and Molecular Biology (LAB)	2	
MBiol 312	Molecular Genetics (LEC)	3	MBiol 211
MBiol 312L	Molecular Genetics (LAB)	2	
MBiol 313	Biology Research 1 (LEC)	1	MBiol 231 & 232
MBiol 313L	Biology Research 1 (LAB)	2	
CFE 105A	CICM in Action: Justice, Peace, Integrity of Creation, Indigenous Peoples, and Interreligious Dialogue	1.5	CFE 104
TOTAL		14.5	
2nd Semester			
MBiol 321	Developmental Biology (LEC)	3	MBiol 312
MBiol 321L	Developmental Biology (LAB)	2	
MBiol 322	Evolutionary Biology (LEC)	3	MBiol 212 & 312
MBiol 322L	Evolutionary Biology (LAB)	2	
MBiol 323	Medical Entomology	3	MBiol 222
MBiol 324	Biology Research 2 (LEC)	1	MBiol 313
MBiol 324L	Biology Research 2 (LAB)	2	
CFE 105B	CICM in Action: Environmental Planning and Management and Disaster Risk Reduction Management	1.5	CFE 105A
TOTAL		17.5	
Short Term			
MBiol Practicum	Biology On-The Job Training (150 Hours)	3	MBiol 324
TOTAL		3	

FOURTH YEAR			
COURSE NO.	DESCRIPTIVE TITLE	UNITS	CO / PRE-REQUISITES
1st Semester			
CFE 106A	Embracing the CICM Mission	1.5	CFE 105B
MBiol 411	Medical Histology (LEC)	3	MBiol 321
MBiol 411L	Medical Histology (LAB)	2	
MBiol 412	Human Anatomy and Physiology 1 (LEC)	3	MBiol 311
MBiol 412L	Human Anatomy and Physiology 1 (LAB)	2	
MBiol 413	Epidemiology	3	MBiol 232 & 323
TOTAL		14.5	
2nd Semester			
CFE 106B	Embracing the CICM Mission	1.5	CFE 106A
MBiol 421	Medical Bacteriology, Mycology and Virology (LEC)	3	MBiol 121A & 413
MBiol 421L	Medical Bacteriology, Mycology and Virology (LAB)	2	
MBiol 422	Medical Parasitology (LEC)	3	MBiol 121A & 413
MBiol 422L	Medical Parasitology (LAB)	2	
MBiol 423	Human Anatomy and Physiology 2 (LEC)	3	MBiol 412
MBiol 423L	Human Anatomy and Physiology 2 (LAB)	2	
TOTAL		16.5	



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ADMISSION POLICIES

Admission to the BS Biology program, specializing in Medical Biology, follows the University's official admission policy..

Undergraduate Freshman Students

All undergraduate freshman applicants must pass the SLU College Entrance Examination (SLU-CEE) and must qualify within the slots duly determined for their chosen course.

Transfer students

SLU admits transferees in all courses except BMLS subject to their compliance with pertinent requirements and guidelines. They must undergo a Qualifying Examination (QE) and if qualified, will take the Personality Test and Interview. Foreign students applying as transferee are subject to the English Proficiency Test (EPT) rule.

Foreign Students

Foreign students should apply not later than 6 months before the start of the academic term. Moreover, they should be in Baguio City at least 4 weeks before the start of classes of the academic term for them to take the EPT as well as SLU-CEE / QE / GPPE, and Personality Test.

Foreign students applying for the first time either in the undergraduate or graduate program should initially possess satisfactory proficiency in English and have passed the EPT as well as the pertinent entrance examination and Personality Test. Before enrolling, they undergo Preadmission Processing at the Student Affairs Office.

Foreign students must secure a valid Student Visa. There are two options in securing a Student Visa. For related information, consult Foreign Student section of the Registrar's Office.



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SCHEDULE OF FEES

FIRST YEAR TUITION FEE AS OF AY 2025 - 2026		
PROGRAM	PARTIAL	FULL
BS Biology	PHP 11, 601.00	PHP 34, 803.00
FEES LISTED PER SEMESTER ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE		



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JOB OPPORTUNITIES

WHERE DOES THE PROGRAM TAKE YOU?

As **BS Biology graduates specializing in Medical Biology**, diverse and impactful careers across biomedical research, healthcare, and the life sciences industry awaits you.

1. Biomedical & Clinical Research Careers

Scientific discovery, laboratory research, clinical trials, biotech development.

- Medical Researcher / Scientist
- Biotechnologist
- Clinical Research Coordinators
- Biotechnology Research Associates
- Pharmaceutical Research Assistant

2. Healthcare Management & Administration

Managing healthcare systems, services, and organizations.

- Healthcare Administrators
- Health Consultants
- Medical Sales Specialists

3. Quality, Regulatory & Compliance

Ensuring quality, safety, and regulatory compliance in healthcare and pharmaceuticals.

- Quality Assurance Specialists
- Regulatory Affairs Specialists



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4. Medical Writing & Communication

Creating scientific, medical, and health-related content for professionals or the public.

- Medical Writers
- Health Communication Specialist

5. Public Health & Health Education

Promoting community health, policy analysis, and health education.

- Health Educators
- Public Health Analysts
- Genetic Counselor

6. Further career paths

If you opt for further education from this program.

- Medicine
- Law
- Graduate School



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VISIT US:

DEAN'S OFFICE

- Room 402, 4th floor, Rizal Building
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