

# SNS

School of Natural Sciences

AY 2021 - 2022



### BACHELOR OF SCIENCE IN BIOLOGY (BS BIO)

#### **BACHELOR OF SCIENCE IN BIOLOGY (BS BIO)**

- ► Academic Track Required: GAS, HUMMS, STEM, ABM
- ► 4 Years Non-Board Course (with strict adherence to curriculum)
- ► Course Description: It provides students with a comprehensive and integrated understanding of the concepts, principles, and theories of the life sciences at the same time developing in the student's appreciation of the living world. It prepares students for a career in Biology to become researchers and decision-makers in scientific agencies or to pursue graduate or advanced degrees in Biology or allied fields.

	First Semester	Second Semester	Short Term
First Year	24 Units	24 Units	9 Units
Second Year	24 Units	21 Units	7 Units
Third Year	19.5 Units	19.5 Units	5 Units
Fourth Year	19.5 Units	18.5 Units	-

- ► Competencies: Science
- ► Career Path: Biological Lab Technicians (engaged in biology-based industries such as food science & technology, Bioprospecting, development of educational films and television programs, collection, preservation, and sale of biological specimens), High School Biology Teacher, Pre-med course, Research Assistant, Teaching Assistant, College Instructor
- ► Estimated Tuition Fee for First Semester AY 2021-2022- Php 28,356.00



### BACHELOR OF SCIENCE IN MEDICAL LABORATORY SCIENCE (BSMLS)

#### BACHELOR OF SCIENCE IN MEDICAL LABORATORY SCIENCE (BSMLS)

- ► Academic Track Required: ALL tracks are accepted but preferably from science related tracks such as GAS, HUMMS, STEM, ABM, and others
- ▶ 4 Years Board Course (with strict adherence to curriculum)
- ► Course Description: Medical Laboratory Science provides the students comprehensive and integrated knowledge about the human tissues and body fluids, its normal and abnormal mechanism using the principles of diagnostic clinical laboratory medicine. It is designed to equip the students with a strong foundation in theories, principles, and concepts to make them globally competitive in the world of healthcare.

	First Semester	Second Semester	Short Term
First Year	25 Units	27 Units	8 Units
Second Year	27 Units	26 Units	9 Units
Third Year	24.5 Units	21.5 Units	-
Fourth Year	18.5 Units	18.5 Units	-

- ► Competencies: Science
- ► Career Path: Forensic Medicine, Hospital Medical Technologist, College Instructor, Laboratory Quality Control Specialist, Laboratory Technician, Medical Representative, Medical Researcher (Cancer, Immunology, Microbiology, Virology), Molecular Medicine, Nuclear Medicine, Specialty Lab Scientist-(Specialist in Blood Bank, Cytotechnologist, Microbiologist, Hematologist, Specialist in Clinical Chemistry, Specialist in Phlebotomy, Virologist, Epidemiologist, Parasitologist, Immunologist, Lab. Managers, Lab. Consultants, Food Microbiologist), Toxicologist
- ► Estimated Tuition Fee for First Semester AY 2021-2022- Php 28,680.00



## BACHELOR OF SCIENCE IN PHARMACY (BS PHARM)

#### **BACHELOR OF SCIENCE IN PHARMACY (BS PHARM)**

- ► Academic Track Required: GAS, HUMMS, STEM, ABM
- ► 4 Years Board Course (with strict adherence to curriculum
- ► Course Description: Bachelor of Science in Pharmacy is a multi-faceted four-year program, as mandated by the Pharmacy Law, as amended, and is composed of general education courses, core courses, and professional pharmacy courses. This program enables students to acquire the competency standards required in the different areas of pharmacy practice such as in community pharmacy, hospital pharmacy, public health and regulatory pharmacy, industrial pharmacy, academic pharmacy, marketing and research. The program aims to serve as a catalyst of positive change totally committed in transforming students into globally competitive pharmacists equipped with professional expertise in the different areas of practice, intellectual curiosity, geared towards research, discovery, and empowered human spirit, to uphold life, to serve the community through the provision of drug information, rational drug use, and pharmaceutical care.

	First Semester	Second Semester	Short Term
First Year	28 Units	29 Units	12 Units
Second Year	29 Units	28 Units	10 Units
Third Year	24.5 Units	25.5 Units	6 Units
Fourth Year	15.5 Units	14.5 Units	-

- ► Competencies: Science
- ► Career Path: Graduates of the BS Pharmacy program may pursue a career in any of the following areas of pharmacy practice: pharmaceutical manufacturing/production, production planning and inventory control, quality assurance, research and development, regulatory affairs, academe, hospital pharmacy, clinical pharmacy, community pharmacy, cosmetics industry, veterinary industry, clinical research, government service (Department of Health, Food and Drug Administration, PhilHealth), health publications, sales or marketing, institutional pharmacy (non-pharmaceutical establishments with pharmacy clinics, such as, Supreme Court, San Miguel Corp, GSIS, etc)
- ► Estimated Tuition Fee for First Semester AY 2021-2022- Php 32,643.00



## BACHELOR OF SCIENCE IN RADIOLOGIC TECHNOLOGY (BS RT)

#### BACHELOR OF SCIENCE IN RADIOLOGIC TECHNOLOGY (BS RT)

- ► Academic Track Required: GAS, HUMMS, STEM, ABM
- ▶ 4 Years Board Course (with strict adherence to curriculum)
- ► Course Description: It introduces the students to the various methods of human body imaging, from the fluoroscopic and radiologic application of the principles involved in radiographic image production, the end result of which plays an important role in the medical diagnosis. It prepares the students for the proper utilization of x-ray equipment and accessories, as well as the sympathetic handling of sick and injured patients during radiographic examination. The students are also made aware of the adverse effects of ionizing radiation, formulation of ideal exposure technical charts, radiation safety precautions, and the individual worker's maximum permissible dose.

	First Semester	Second Semester	Short Term
First Year	24 Units	27 Units	9 Units
Second Year	24 Units	25 Units	9 Units
Third Year	26.5 Units	22.5 Units	-
Fourth Year	25.5 Units	25.5 Units	-

- ► Competencies: Science
- ► Career Path: College Instructor, Forensic Radiologic Technologist, Medical Representative, Researcher, Radiologic Technologist (specializing in: Computed Tomography, Diagnostic Radiography, Interventional Radiography, Magnetic Resonance Imaging, Nuclear Medicine, Radiotherapy, Ultrasound)
- ► Estimated Tuition Fee for First Semester AY 2021-2022- Php 28,633.00