



SAINT LOUIS
UNIVERSITY
BAGUIO CITY, PHILIPPINES

RADIOLOGIC TECHNOLOGY

PROGRAM CATALOG



SCHOOL OF NURSING, ALLIED HEALTH, AND BIOLOGICAL SCIENCES



SLU VISION-MISSION

"Saint Louis University is envisioned as an excellent missionary and transformative educational institution zealous in developing human resources imbued with Christian Spirit and who are creative, competent and socially involved."

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.

PROGRAM EDUCATIONAL OBJECTIVES (PEO)

Three to five years after graduation, graduates of BS Radiologic Program are expected to:

1. demonstrate empathy, sympathy and compassion in the handling and care of patients through awareness of possible risks involved in medical imaging and develop concern in the correct handling of medical imaging equipment;
2. perform creatively radiographic and radiological procedures with available resources and regardless of the patient's condition to promote good health and well-being;
3. exhibit thorough knowledge and skills in the art and science of the various medical imaging and therapeutic systems through continuing quality education; and
4. participate in community involvement projects and conduct of research in the field of Radiologic Technology.

PROGRAM LEARNING OUTCOMES (PLO)

Graduates of the BS in Radiologic Technology program are expected to:

1. apply knowledge of physical, social, natural, chemical, humanities and health sciences in the practice of Radiologic Technology;
2. compare the varied radiologic imaging and therapeutic modalities based on their purpose, mechanism of image production, advantages and limitations;
3. demonstrate technical skills based on scientific knowledge to assure compassionate patient care and comfort, aid accurate diagnosis and proper treatment;
4. utilize inclusive communication skills in Filipino and English to promote professionalism, social justice and equity among colleagues, patients and other professionals;
5. employ radiation, MRI protocol safety and discharge of informed consent and protection measures fundamental to each field of specialization in radiologic technology to promote social accountability;
6. determine measures to maximize imaging and therapeutic machine life, personnel satisfaction and departmental welfare;
7. participate in transformative knowledge and research activities that will promote professional life-long learning, interprofessional education, as well as societal change;

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8. practice the profession in accordance with existing laws, legal, ethical and moral principles;
9. adapt to the different patient-care situations encountered during clinical education training to be able to employ the most appropriate technical skill, best patient care and proper work attitude;
10. combine higher order thinking skills and Christian values when dealing with beginning leadership / managerial / and entrepreneurial situations encountered in the department;
11. advocate love of country and service to the Filipino people here and abroad; and
12. practice Christian values in their personal and professional endeavors as Louisians in the service of the CICM mission.

CURRICULUM

COURSE NO.	DESCRIPTIVE TITLE	UNITS	COPRE-REQUISITES
1st Semester			
CFE 101	God's Journey with His People	3	
FIT HW	Physical Activity Towards Health and Fitness (Health and Wellness)	2	
GHIST	Readings in Philippine History	3	
GIT	Living in the IT Era	3	
GSELF	Understanding the Self	3	
Rad Tech 111	Introduction to Radiologic Technology and Health Care	3	
Rad Tech 112	Human Anatomy and Physiology (LEC)	3	
Rad Tech 112L	Human Anatomy and Physiology (LAB)	1	
Rad Tech 113	Radiation Production and Characteristics (LEC)	2	
Rad Tech 113L	Radiation Production and Characteristics (LAB)	1	
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	
GSTS	Science, Technology and Society	3	
Rad Tech 121	Medical Terminology	3	Rad Tech 111
Rad Tech 122	Radiographic Anatomy and Physiology (LEC)	3	Rad Tech 111 & 112
Rad Tech 122L	Radiographic Anatomy and Physiology (LAB)	1	Rad Tech 111 & 112
Rad Tech 123	Film-Screen Image Acquisition, Processing and Image Analysis (LEC)	2	Rad Tech 111 & 113
Rad Tech 123L	Film-Screen Image Acquisition, Processing and Image Analysis (LAB)	1	Rad Tech 111 & 113
TOTAL		27	
Short Term			
GENTREP	The Entrepreneurial Mind	3	
NSTP-CWTS 1	Foundations of Service	3	
Rad Tech 131	Imaging Science and Informatics	3	Rad Tech 123/L
TOTAL		9	

COURSE NO.	DESCRIPTIVE TITLE	UNITS	COPRE-REQUISITES
1st Semester			
CFE 103	Catholic Foundation of Mission	3	
FIT AQ	Physical Activity Towards Health and Fitness (Aquatics)	2	
GART	Art Appreciation	3	
GETHICS	Ethics	3	
Rad Tech 211	Principles of Imaging (LEC)	2	Rad Tech 123
Rad Tech 211L	Principles of Imaging (LAB)	1	Rad Tech 123
Rad Tech 212	Computed and Digital Radiography	3	Rad Tech 131
Rad Tech 213	Radiographic Positioning and Radiologic Procedures 1 (LEC)	3	Rad Tech 122
Rad Tech 213L	Radiographic Positioning and Radiologic Procedures 1 (LAB)	1	Rad Tech 122
Rad Tech 214	Pharmacology and Venipuncture (LEC)	2	Rad Tech 122
Rad Tech 214L	Pharmacology and Venipuncture (LAB)	1	Rad Tech 122
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	
Rad Tech 221	Radiobiology	3	Rad Tech 113/L & 112/L
Rad Tech 222	Radiation Protection	3	w/ Rad Tech 221
Rad Tech 223	Radiographic Positioning and Radiologic Procedures 2 (LEC)	3	Rad Tech 213
Rad Tech 223L	Radiographic Positioning and Radiologic Procedures 2 (LAB)	1	Rad Tech 213
Rad Tech 224	Radiologic Contrast Examinations (LEC)	3	Rad Tech 213
Rad Tech 224L	Radiologic Contrast Examinations (LAB)	1	Rad Tech 213
Rad Tech 225	Statistics	3	GMATH
TOTAL		25	
Short Term			
GRIZAL	The Life and Works of Rizal	3	
NSTP-CWTS 2	Social Awareness & Empowerment for Service	3	NSTP-CWTS 1
Rad Tech 231	Introduction to Research	3	Rad Tech 225
TOTAL		9	

COURSE NO.	DESCRIPTIVE TITLE	UNITS	COPRE-REQUISITES
1st Semester			
CFE 105A	CICM in Action: Justice, Peace and Integrity of Creation, Indigenous Peoples and Interreligious Dialogue	1.5	CFE 103 & CFE 104
Rad Tech 311	Imaging Equipment and Maintenance	2	Rad Tech 211/L
Rad Tech 312	Mammography	2	Rad Tech 223/L
Rad Tech 313	Patient Care and Management (LEC)	2	Rad Tech 122/L
Rad Tech 313L	Patient Care and Management (LAB)	1	Rad Tech 122/L
Rad Tech 314	Ultrasonography	3	Rad Tech 214/L, 221, 222
Rad Tech 315	Computed Tomography w/ Field Trip/Exposure	3	Rad Tech 212
Rad Tech 316	Radiation Therapy	3	Rad Tech 214/L, 221, 222
Rad Tech 317	Professional Ethics, Jurisprudence and Cultural Sensitivity	3	w/ Rad Tech 313/L
Rad Tech 318	Principles of Teaching Radiologic Technology	3	
Rad Tech 319	Research Writing 1	3	Rad Tech 225; for 3rd yrs due for internship
TOTAL		26.5	
2nd Semester			
CFE 105B	CICM in Action: Environmental Planning and Management and Disaster Risk Reduction Management	1.5	CFE 105A
Rad Tech 321	Quality Assurance and Quality Control (LEC)	2	Rad Tech 123/L, 311, 312, 314, 315
Rad Tech 321L	Quality Assurance and Quality Control (LAB)	1	
Rad Tech 322	Magnetic Resonance Imaging w/ Field Trip/Exposure	3	Rad Tech 315
Rad Tech 323	Radiologic Pathology	3	Rad Tech 121, 313
Rad Tech 324	Nuclear Medicine	3	Rad Tech 214, 221, 222
Rad Tech 325	Interventional Radiology	3	Rad Tech 214/L
Rad Tech 326	Administration, Leadership & Entrepreneurship	3	Rad Tech 317
Rad Tech 327	Research Writing 2	3	Rad Tech 319; for 3rd yrs due for internship
TOTAL		22.5	

1 YEAR INTERNSHIP TRAINING (Only for students who have no deficiencies in the 1st, 2nd & 3rd Year Level)

COURSE NO.	DESCRIPTIVE TITLE	UNITS	COPRE-REQUISITES
CFE 106A	Embracing the CICM Mission	1.5	CFE 105B
Rad Tech 411	Clinical Education 1	18	
Rad Tech 412	Radiologic Technology Assessment Program 1	3	
Rad Tech 413	Radiologic Technology Updates 1	3	
TOTAL		25.5	
CFE 106B	Embracing the CICM Mission	1.5	CFE 106A
Rad Tech 421	Clinical Education 2	18	
Rad Tech 422	Radiologic Technology Assessment Program 2	3	
Rad Tech 423	Radiologic Technology Updates 2	3	
TOTAL		25.5	

TOTAL UNITS: 218





ADMISSION POLICIES

Saint Louis University welcomes local and foreign students alike, subject to University admission Policies, requirements, and academic standards and pertinent laws of the Republic of the Philippines

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. The regular SLU-CEE is conducted during weekends from the middle of October up to the middle of December. Admission for the first semester starts at the middle of April.

Transfer Students

- SLU admits transferees in all courses except Bachelor in Medical Laboratory Science 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.
- Shifters and transferees are allowed to enroll in the **BSRT Program** provided that the GWA (since admission to college) is 80% and above.
- Rad Tech Professional and major subjects taken by the transferee will not be credited.

Graduate Program Students

- The applicant must have finished the prerequisite degree/s prior to acceptance to the Graduate Program;
- For a Master's degree, the applicant must have a Baccalaureate degree from an institution of recognized standing
- For a Doctorate degree, the applicant must have a Master's degree in related fields from an institution of recognized standing.

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.

SCHEDULE OF FEES

FIRST YEAR TUITION FEE AS OF AY 2022 - 2023		
COURSE	PARTIAL	FULL
BS RADTECH	P 11,000.00	P 29,019.00
FEES LISTED PER SEMESTER AND ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE		



JOB OPPORTUNITIES (WHERE DOES THE PROGRAM TAKE YOU?)

Upon finishing the program and passing the licensure examination for Radiologic Technologists, one can be a:

Radiographer

Sonographer

Mammographer

Radiation therapist

Interventional technologist

Nuclear Medicine technologist

Computed tomography technologist

Magnetic Resonance Imaging technologist

Non-clinical areas:

Product specialist

Applications specialist

Radiologic Technologist Educator

Licensure exam not needed:

Researcher

Pre-Medical program



CONTACT INFO

For further inquiries about the program, you may call / e-mail:

(074) 442 - 3043 loc. 296

SLU- SoNAHBS - X-ray lab

(074) 444-8248 loc. 221 / 269

SLU-SoNAHBS - Dean's Office

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