

Program Learning Outcomes (PLO)

Communicator	Communicator Capable of providing health services interpersonal communication and a holistic perspective.
Health Educator and Promoter	The ability to educate, supervise, and train future medical doctors and other health professionals to work in clinical settings as well as in the community to enhance patient and community health particularly in cardiovascular sciences.
Care provider	Graduates will be qualified to practice as cardiologists and will be skilled in providing a diagnosis, treatment, and compassionate care across the range from complex illnesses as well as disease prevention and community health promotion.
Manager and Leader	Graduates will be able to work in a multidisciplinary team in cardiovascular health care as a team leader or manager to ensure patient safety and care services.
Researcher	Graduates will be qualified to work in government or non-government health care, academic, and scientific institutions as scientists who advance in cardiovascular research.

Intended of Learning Outcomes (ILO)

Upon graduation, students are:

AREA	CODE	LEARNING OUTCOME
ATTITUDE (A)	A1	Able to be faithful to God Almighty, religious, civilised, upholding human values, ethical, independent, and contribute to improving the quality of life of people in medicine and health, particularly in cardiovascular field .
KNOWLEDGE (K)	K1	Able to analyse technical knowledge including basic science (biomedical sciences) and clinical sciences e.g. diagnostic, therapeutic, prevention and rehabilitation in the field of cardiology and vascular medicine.
	K2	Able to determine related theoretical concepts (contextual knowledge) covering clinical research, organisation services, and educational aspects in relation with the field of cardiology and vascular medicine.
SKILLS (S)	S1	Able to implement logical, critical, systematic, and analytical thinking through scientific research, compile scientific conceptions and the results of the studies based on scientific principles, procedures, and ethics in the form of a scientific thesis
	S2	Able to compile ideas, thoughts and scientific arguments based on evidence-based clinical practice, as well as to educate healthcare professionals and wider community
	S3	Able to manage, develop, and maintain networks with national and international colleagues, institutions, as well as peers within a multidisciplinary team in cardiovascular health care

COMPETENCE (C)	C1	Able to display intellectual skills, including problem-solving skills with a scientific approach and determine clinical decision making in the field of cardiology and vascular medicine.
	C2	Able to implement the concept of interpersonal skills consisting of communication skills, medical interview skills, physical examinations, conducting and interpreting the results of supporting non-invasive examinations (procedures) in the field of cardiology and vascular medicine.
	C3	Able to perform catheterization lab procedures, including patient safety and preparation, infection control, invasive strategies in the field of cardiology and vascular medicine.
	C4	Able to direct individual, family and community health problems in a comprehensive, integrated and sustainable manner in the context of preventive and rehabilitative cardiology and vascular medicine