

BIOLOGY, B.S. - NUCLEAR MEDICINE TECHNOLOGY OPTION

Major in Biology, BS

Code	Title	Hours
CORE COURSES (C- or higher required)		0
Foundations of Biology - See Appendix 1		
BIOL 211	Concepts of Zoology	
BIOL 362	Cell and Developmental Biology	
BIOL 364	Foundations of Genetics & Molecular Biology	
Option in Nuclear Medical Technology - See separate block		
Total Hours		0

Appendix 1. Foundations of Biology

Code	Title	Hours
Foundations of Biology C- or Higher		0
BIOL 101	Foundations of Biology	

Concentration in Nuclear Medical Technology

Code	Title	Hours
REQUIRED NUCLEAR MEDICAL TECH COURSES		4
BIOL 257	Introduction to Allied Health Professions	
BIOL 356	Functional Human Anatomy	
BIOL 375	Biometry	
ELECTIVES FOR NUCLEAR MEDICAL TECH (NOT REQUIRED)		0
CLINICAL LAB SCIENCE EDUCATION		28
Upon completion of one year at the Lancaster General Hospital College of Nursing and Allied Health 28 credits will be applied here.		
Total Hours		32

Req Related for Biology, BS

Code	Title	Hours
For Biology Majors the G2 block of the Liberal Arts Core will be fulfilled by your required related coursework.		

CHEMISTRY

A C- or higher in CHEM 111 and 112 is a pre-requisite for CHEM 235.
A C- or higher in CHEM 231 is a pre-requisite for CHEM 232. Students interested in graduate or professional school should take CHEM 231 and 232.

CHEM 111	Introductory Chemistry 1	0
CHEM 112	Introductory Chemistry 2	0
Organic Chemistry - Choose 1 of the following options 1-2:		0
Option 1. Organic Chemistry I and II		
CHEM 231	Organic Chemistry 1	
CHEM 232	Organic Chemistry 2	
Option 2. Short Course in Organic Chemistry		
CHEM 235	Organic Chemistry	
CHEM 326	Biochemistry 1	0

MATHEMATICS FOR MEDICAL TECH OR NUCLEAR MED

Some clinical sites require a course in statistics such as MATH 130, MATH 235, or BIOL 375. Students interested in graduate or professional school should take MATH 161.

Precalculus, Calculus I or Honors Calculus - Choose 1 of the following: 4-5

MATH 160	Precalculus
MATH 161	Calculus 1
MATH 163H	Honors Calculus 1

PHYSICS

undefined - Choose 1 of the following options 1-2: 0

Option 1. Physics with Algebra	
PHYS 131	Physics 1 with Algebra
PHYS 132	Physics 2 with Algebra
Option 2. Physics with Calculus	
PHYS 231	Physics 1 with Calculus
PHYS 232	Physics 2 with Calculus

Total Hours 4-5