

ALLIED HEALTH TECHNOLOGY, B.S. - NUCLEAR MEDICINE TECHNOLOGY 3+1 YEAR OPTION

Major in Allied Health Tech-Nuclear Med Tech, BS

Code	Title	Hours
BIOL 257	Introduction to Allied Health Professions	1
BIOLOGY FOUNDATIONS		
General Biology with B- or higher		3
BIOL 100	General Biology	
REQUIRED BIOLOGY COURSES		
BIOL 254	Human Anatomy & Physiology I	4
BIOL 255	Human Anatomy & Physiology II	4
BIOL 362	Cell and Developmental Biology	4
BIOL 364	Foundations of Genetics & Molecular Biology	4
BIOL 454	Immunology	3
BIOL 361	Microbiology	4
Directed Electives		
undefined - Choose 2 of the following:		5-8
BIOL 211	Concepts of Zoology	
BIOL 352	Nutritional Science	
BIOL 363	Medical Microbiology	
BIOL 437	Endocrinology	
BIOL 438	Neurobiology	
BIOL 455	Cardiopulmonary Physiology	
BIOL 462	Molecular Biology	
BIOL 463	Virology	
BIOL 465	Developmental Biology	
BIOL 467	Human Genetics:Analysis/Apps	
RESP 422	Pharmacology	
Nuclear Med Clinical Coursework		
26 credits in Clinical Education at Lancaster General Hospital College of Nursing and Allied Health		26
Total Hours		58-61

Req Related for Allied Hlth Tech-Nuclear Med, BS

Code	Title	Hours
For Allied Health Technology majors the G2 block of the Liberal Arts Core will be fulfilled by your required related coursework.		
CHEM 111	Introductory Chemistry 1	4
CHEM 112	Introductory Chemistry 2	4
CHEM 326	Biochemistry 1	4
ORGANIC CHEMISTRY - Choose 1 of the following:		4-8
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 planning to attend graduate school or pursue programs in medical, dental, veterinary, pharmacy, physical therapy or physician assistant after their clinical training should take CHEM 231 and 232 for this requirement.		

Short Course in Organic Chemistry - See Appendix 1

Organic Chemistry I and Organic Chemistry II - See Appendix 2		
MATH 130	Elements of Statistics 1	3
Precalculus		4
MATH 160	Precalculus	
Students intereted in attending graduate or professional school should also take MATH 161		
Physics I with Algebra		4
PHYS 131	Physics 1 with Algebra	
Students interested in attending graduate or professional school should also take PHYS 132		

Total Hours 27-31

Appendix 1. Short Course in Organic Chemistry

Code	Title	Hours
CHEM 235	Organic Chemistry	4

Appendix 2. Organic Chemistry I and Organic Chemistry II

Code	Title	Hours
CHEM 231	Organic Chemistry 1	4
CHEM 232	Organic Chemistry 2	4