Salem | STATE UNIVERSITY

Name:_____
Student ID: _____
Date Admitted Into Major:_____

BACHELOR OF SCIENCE
BIOLOGY
NUCLEAR MEDICINE TECHNOLOGY CONCENTRATION

GENERAL EDUCATION REQUIREMENTS

Competencies

☐	♦ Basic College Math
☐	♦ Reading Comprehension

♣General Education Categories (34-35 credits total)

♦FYS	First Year Seminar				3	
♦W-I	Written Communication - Level I				3	
♦OC	Oral Communication				3	
PGR	Personal Growth & Responsibility				3	
CEA	Creative Expression & Appreciation				3	
WC	World Cultures				3	
HP	The Human Past				3	
CS	Contemporary Society				3	
SR	Scientific Reasoning:	♯ Any SR course			3-4	
		♯ SR Lab course			4	
QR	Quantitative Reasoning				3	

‡ Written Communication (Level II and Level III)

W-II	Written Communication - Level II			☐
W-III	Written Communication - Level III			☐

Free Electives (0 credits minimum total)

May be necessary to take additional credits to attain the minimum 120 credits required for graduation depending on choices made for general education or minor selection.

COURSES IN MAJOR (93-94) credits total)

Required (60 credits)

BIO	105	Biological Systems	4	
BIO	200	Anatomy & Physiology 1	4	
BIO	201	Anatomy & Physiology 2	4	
BIO	212	Cell Biology	4	
NMT	200	Introduction To NMT	1	
BIO	340	General Pathology	3	
BIO	402	Genetics	4	
BIO	409	Biological Chemistry	4	
BIO	411	Immunology	4	
NMT	401A	NMT Practicum I	3	
NMT	402	NMT Practicum II	4	
NMT	403	NMT Practicum III	4	
NMT	405	Nuclear Medicine Tech I	4	
NMT	411	Nuclear Medicine Tech II	4	
NMT	415	NMT Seminar	1	
NMT	420	Nuclear Instrumentation	4	
NMT	435	Advanced Imaging & Therapeutics	4	

♥ Required Support Courses (17-18 credits total)

◊PHS	211A	College Physics I	4	
◊PHS	212A	College Physics II	4	
MAT	110 or 220	Pre-calculus or Calculus I	3-4	
PHS	315	Introduction To Radiation Physics	3	
PHL	218	Medical Ethics	3	

Required Minor: Chemistry (16 credits total)

CHE	130	General Chemistry I	4	
CHE	131	General Chemistry II	4	
CHE	212	Organic Chemistry I	4	
CHE	213	Organic Chemistry II	4	

♥ Students may choose to use support courses to satisfy general education categories, but may not be required to do so. **Note:** If a course is used to satisfy two or more requirements (for example, a support course and Scientific Reasoning requirement), the credits are counted in only one place. Using a course to satisfy more than one requirement does **not** reduce the credit total required for graduation.

♣ Courses used to satisfy the general education requirements of the university must be taken from a minimum of six different academic disciplines. First Year Seminar and Level I Written Communications courses are exempt from this restriction. Courses may not be used to fulfill both major discipline and general education requirements.

♯ These Scientific Reasoning General Education Category courses do not have to be a sequence or be from the same discipline.

‡ Level II and Level III Written Communications Courses may be used to satisfy requirements anywhere else in a student's program of study where they may apply. The credits are counted only in one area.

◊ The sequence can be chosen from PHS211A and PHS212A, or PHS221 and PHS222.

♦ COMPETENCIES - TO BE COMPLETED WITHIN THE FIRST 30 CREDITS | ♦ GENERAL EDUCATION CATEGORIES - TO BE COMPLETED WITHIN THE FIRST 30 CREDITS

Exceptions in the timing of courses will be made for transfer students

Total credits for graduation: 120 - 132

Effective: 9/2016