



This roadmap is a recommended semester-by-semester plan of study for this major. However, courses and milestones designated as critical (in boldface and shaded areas) must be completed in the semester listed to ensure a timely graduation.

Course Subject and Title	Credit Hours	Upper Division	Min. Grade	Important Notes
<b>Semester One: [13 Credit Hours]</b>				
<b>Students who have earned an Associate of Science degree will receive 31 hours of credit and will not have to take the lower-division general electives.</b>				
COMT 11000 Introduction to Computer Systems	3			
PSYC 11762 General Psychology	3			Fulfills Kent Core Social Sciences
US 10097 Destination Kent State: FYE	1			Not required of transfer students with 25 credits
Kent Core Requirement	3			See Kent Core Summary on page 2
General Elective (lower division)	3			Not required for AS degree holders
<b>Semester Two: [12-13 Credit Hours]</b>				
MATH 11009 Modeling Algebra <i>or</i> MATH 11010 Algebra for Calculus	3-4			Fulfills Kent Core Mathematics and Critical Reasoning
Kent Core Requirements	6			See Kent Core Summary on page 2
General Elective (lower division)	3			Not required for AS degree holders
<b>Semester Three: [15 Credit Hours]</b>				
Kent Core Requirements	9			See Kent Core Summary on page 2
General Electives (lower division)	6			Not required for AS degree holders
<b>Semester Four: [ 15-17 Credit Hours]</b>				
CHEM 10050 Fundamentals of Chemistry <i>or</i> CHEM 10054 General and Elementary Organic Chemistry	3-5			Fulfills Kent Core Basic Sciences; see RIS program director prior to selecting a course
Kent Core Requirements	6			See Kent Core Summary on page 2
General Electives (lower division)	6			Not required for AS degree holders
<b>Semester Five: [14 Credit Hours]</b>				
<b>Required: minimum 2.75 cumulative GPA prior to semester 6</b>				
BSCI 20020 Biological Structure and Function	5			Fulfills Kent Core Basic Sciences
General Electives (lower division)	9			Not required for AS degree holders
<b>Semester Six: [11-14 Credit Hours]</b>				
CHEM 10052 Introduction to Organic Chemistry	0-2			Required only for those who took CHEM 10050 in semester 4; fulfills Kent Core Basic Sciences
CHEM 10053 Inorganic and Organic Laboratory	0-1			
HED 14020 Medical Terminology	3			
General Electives (lower division)	8			Not required for AS degree holders
<b>Semester Eight: [17 Credit Hours]</b>				
<b>Required: minimum 2.75 GPA and admittance to the program to enroll in RIS courses</b>				
RIS 44001 Patient Management in Nuclear Medicine	3	■	C	
RIS 44002 Nuclear Medicine Procedures I	3	■	C	
RIS 44005 Nuclear Medicine Clinical Education I	3	■	C	
RIS 44006 Nuclear Medicine Physics and Instrumentation I	4	■	C	
RIS 44011 Nuclear Medicine Radiopharmacy	4	■	C	



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<b>Semester Nine: [15 Credit Hours]</b>				
RIS 44010 Nuclear Medicine Clinical Education II	3	■	C	
RIS 44012 Nuclear Medicine Procedures II	3	■	C	
RIS 44014 Nuclear Medicine Physics and Instrumentation II	3	■	C	
RIS 44017 Nuclear Medicine Radiation Safety	3	■	C	
RIS 44098 Research in Medical Imaging	3	■	C	Fulfills writing-intensive course requirement
<b>Semester Ten: [7 Credit Hours]</b>				
RIS 44015 Nuclear Medicine Clinical Education III	2	■	C	
RIS 44016 Nuclear Medicine Procedures III	3	■	C	
RIS 44020 Nuclear Medicine Clinical Education IV	2	■	C	

### Graduation Requirements Summary

Minimum Total Hours	Minimum Upper-Division Hours	Kent Core Hours	Diversity Course Global / Domestic	Writing-Intensive	Minimum Major GPA	Minimum Overall GPA
121	39	36	Kent Core/ PSYC 11762	RIS 44098	2.75	2.00

### Kent Core Summary

Kent Core Categories	Important Notes	Remaining Credit Hours
<b>Additional (6 credit hours)</b> <i>Must be selected from two Kent Core categories</i>	May fulfill diversity requirements	6
<b>Basic Sciences (6-7 credit hours)</b> <i>Must include one laboratory</i>	Fulfilled in this major with BSCI 20020, CHEM 10050 and CHEM 10052 and CHEM 10053; or BSCI 20020 and CHEM 10054	0
<b>Composition (6-8 credit hours)</b> <i>ENG 11002, 11011, 21011; HONR 10197, 10297</i>	Enrollment based on placement test	6-8
<b>Humanities and Fine Arts (9 credit hours)</b> <i>Minimum one course from humanities in Arts and Sciences category and minimum one course from fine arts category</i>	May fulfill diversity requirement	9
<b>Mathematics and Critical Reasoning (3-5 credit hours)</b>	Fulfilled in this major with MATH 11009 or 11010	0
<b>Social Sciences (6 credit hours)</b> <i>Must be selected from two curricular areas</i>	3 credit hours fulfilled in this major with PSYC 11762	3

**Notes:** Students should contact the nuclear medicine program director at the Salem Campus for advising. Students transferring credit must meet the 30 semester hour residency rule as stated in the Undergraduate Catalog.

#### Kent Core

Students must complete a minimum 36 credit hours of the Kent Core. Certain courses required in programs and in student's major field may also fulfill the Kent Core. Honors equivalents shall satisfy the Kent Core. None of the courses on the Kent Core list may be taken with a pass/fail grade. Visit [www.kent.edu/catalog/kent-core](http://www.kent.edu/catalog/kent-core) for course list.

#### Diversity Course Requirement

Students must complete a two-course diversity requirement, consisting of one with a domestic (U.S.) focus and one with a global focus. One course must come from the Kent Core. The second course may be taken as a second Kent Core, within a major or minor, or as a general elective; or, with dean's approval, by completing one semester of study in another country. Visit [www.kent.edu/catalog/diversity](http://www.kent.edu/catalog/diversity) for course list.

#### Writing-Intensive Course Requirement

Students must complete a one-course writing-intensive requirement in their major and earn minimum C (2.00) grade. Visit [www.kent.edu/catalog/wic](http://www.kent.edu/catalog/wic) for course list.

#### Upper-Division Requirement

Students must complete a minimum 39 upper-division (numbered 30000 to 49999) credit hours of coursework. Programs in the College of Arts and Sciences require a minimum of 42 hours of upper-division coursework.