

**Nuclear Medicine Technology**  
**Tennessee Transfer Pathway: A.S. Imaging Sciences to Bachelor of Health Science Sample Curriculum Plan**  
**124 Total Degree Hours**

**TTP Imaging Sciences Credits**

(courses taken at participating TN community Colleges)

Course	Course Name	Hours
ENGL 1010	Composition I	3
ENGL 1020	Composition II	3
SPCH 1010	Approved Speech/ Communication	3
	Humanities or Fine Arts	6
	Literature	3
SOCI	Intro Sociology or Social Problems	3
PSYC 1030	General Psychology	3
HIST 2010	Survey of American History	3
HIST 2020	Survey of American History	3
BIOL 2010	Anatomy & Physiology I with Lab	4
BIOL 2020	Anatomy & Physiology II with Lab	4
MATH 1710	Pre-Calculus I (Algebra) or higher	3
PHYS 2010	Physics I	4
PHYS 2020	Physics II	4
CHEM 1110	General Chemistry I	4
MATH 1720	Pre-Calculus II (Trigonometry)	3
<b>Total Credit Hours</b>		<b>60</b>

**Received Baptist College  
Block Credit**

Course	Course Name	Hours
ENG 101	English Composition I	3
ENG 102	English Composition II	3
COM 211	Speech Fundamentals	3
PHI	Philosophy Elective	3
ENG 104	Medical Writing	1
ENG	Literature Elective	3
SOC 201	Medical Sociology	3
PSY 201	General Psychology	3
HSC 301	U.S. Health Care Systems	3
HSC 320	Research for Health Professionals	3
BIO 201	Anatomy and Physiology I	4
BIO 202	Anatomy and Physiology II	4
MAT 110	College Algebra	3
PHY 200	Physics I	4
CHE 115	General Chemistry I	4
BIO/CHE/PHY	Natural Science with Lab	4
<b>Total Credit Hours</b>		<b>51</b>

**Pre-Professional Courses Taken at Baptist College**

Course	Course Name	Hours
AHS 202	Medical Terminology	2
BIO 320	Cross Sectional Anatomy	2
REL	Religion elective*	3
BIO 301 or BIO 310	Pathophysiology <u>OR</u> Applied Pathophysiology**	3
<b>Total Credit Hours</b>		<b>10</b>

**Fall Trimester**

Course	Course Name	Hours
HSC 104	Baptist College Experience	1
NMT 311	Patient Care in Nuclear Medicine	2
NMT 314	Foundations of Nuclear Medicine	3
NMT 396	Introduction to Clinical Practice	3
NMT 331	Introduction to Rad Physics	3
<b>Total Credit Hours</b>		<b>12</b>

\*May be taken during second spring term of program/ \*\*May be taken first fall term of program

**Spring Trimester**

Course	Course Name	Hours
NMT 322	Clinical Procedures I	2
NMT 332	Nuclear Physics and Instrumentation	4
NMT 393	Clinical Practicum I	4
NMT 423	Nuclear Cardiology	2
NMT 482	CT Instrumentation and Physics	2
<b>Total Credit Hours</b>		<b>14</b>

**Summer Trimester**

Course	Course Name	Hours
NMT 434	PET Instrumentation/Protocols	2
NMT 437	Clinical Procedures II	3
NMT 436	Advanced Cardiology	1
NMT 463	Research Methods I	1
NMT 494	Clinical Practicum II	4
NMT 483	CT Procedures & Protocols	2
<b>Total Credit Hours</b>		<b>13</b>

**Fall Trimester**

Course	Course Name	Hours
NMT 426	Clinical Procedures III	3
NMT 454	Nuclear Pharmacy	2
NMT 497	Clinical Practicum III	4
NMT 438	Radiation Biology and Protection	3
NMT 484	MR Instrumentation & Protocols	2
<b>Total Credit Hours</b>		<b>14</b>

**Spring Trimester**

Course	Course Name	Hours
NMT 352	Applied Pharmacology	1
NMT 464	Research Methods II	1
NMT 473	Nuclear Medicine Symposium	2
NMT 496	Clinical Practicum IV	5
<b>Total Credit Hours</b>		<b>9</b>