

**Nuclear Medicine Technology
Bachelor of Science Sample Curriculum Plan
124 Total Degree Hours**

Fall Trimester

| Course | Course Name | Hours |
|---------------------------|--|-----------|
| AHS 202 | Medical Terminology | 2 |
| BIO 201 | Anatomy and Physiology I* | 4 |
| ENG 101 | English Composition I* | 3 |
| HSC 104 | Baptist University Experience | 1 |
| MAT 110/240 | College Algebra <u>OR</u> Elements of Calculus | 3 |
| Total Credit Hours | | 13 |

Spring Trimester

| Course | Course Name | Hours |
|---------------------------|------------------------------------|-----------|
| BIO 202 | Anatomy and Physiology II* | 4 |
| COM 211/220 | Speech/Intercultural Communication | 3 |
| ENG 102 | English Composition II* | 3 |
| PSY 201 | General Psychology | 3 |
| REL | Religion elective | 3 |
| Total Credit Hours | | 16 |

*Courses marked with an asterisk must be completed in the 24 hours of required pre-program courses to be considered for selection into the Nuclear Medicine Technology Program. Courses with a NMT prefix are professional level.

Fall Trimester

| Course | Course Name | Hours |
|---------------------------|---------------------|-----------|
| CHE 115 | General Chemistry I | 4 |
| ENG | Literature Elective | 3 |
| PHI | Philosophy Elective | 3 |
| PHY 200 | Physics I | 4 |
| Total Credit Hours | | 14 |

Spring Trimester

| Course | Course Name | Hours |
|---------------------------|---|-----------|
| BIO/CHE/PHY | Natural Science with lab | 4 |
| BIO 320 | Cross Sectional Anatomy | 2 |
| HSC 301 | US Healthcare | 3 |
| SOC 201 | Medical Sociology | 3 |
| HSC 320/ MAT 111 | Research for Health Professional/ Statistics | 3 |
| Total Credit Hours | | 15 |

Fall Trimester

| Course | Course Name | Hours |
|---------------------------|-----------------------------------|-----------|
| BIO 301 | Pathophysiology | 3 |
| NMT 311 | Patient Care in Nuclear Medicine | 2 |
| NMT 314 | Foundations of Nuclear Medicine | 3 |
| NMT 333 | Radiation Physics | 2 |
| NMT 396 | Introduction to Clinical Practice | 4 |
| Total Credit Hours | | 14 |

Spring Trimester

| Course | Course Name | Hours |
|---------------------------|-------------------------------------|-----------|
| NMT 322 | Clinical Procedures I | 2 |
| NMT 334 | Nuclear Physics and Instrumentation | 3 |
| NMT 393 | Clinical Practicum I | 4 |
| NMT 451 | Nuclear Cardiology | 3 |
| NMT 482 | CT Instrumentation and Physics | 2 |
| Total Credit Hours | | 14 |

Summer Trimester

| Course | Course Name | Hours |
|---------------------------|---------------------------|-----------|
| ENG 104 | Medical Writing | 1 |
| NMT 425 | Clinical Procedures II | 2 |
| NMT 452 | Advanced Cardiology | 1 |
| NMT 463 | Research Methods I | 1 |
| NMT 483 | CT Procedures & Protocols | 2 |
| NMT 490 | Clinical Practicum II | 5 |
| Total Credit Hours | | 12 |

Fall Trimester

| Course | Course Name | Hours |
|---------------------------|----------------------------------|-----------|
| NMT 442 | Clinical Procedures III | 2 |
| NMT 453 | PET Instrumentation & Procedures | 3 |
| NMT 454 | Nuclear Pharmacy | 2 |
| NMT 464 | Research Methods II | 1 |
| NMT 484 | MRI Instrumentation and Physics | 2 |
| NMT 497 | Clinical Practicum III | 4 |
| Total Credit Hours | | 14 |

Spring Trimester

| Course | Course Name | Hours |
|---------------------------|----------------------------------|-----------|
| NMT 352 | Applied Pharmacology | 1 |
| NMT 439 | Radiation Biology and Protection | 2 |
| NMT 455 | Radionuclide Therapies | 1 |
| NMT 472 | Nuclear Medicine Symposium | 3 |
| NMT 496 | Clinical Practicum IV | 5 |
| Total Credit Hours | | 12 |