# MAJOR SEQUENCE AND DEGREE REQUIREMENTS

Major: **BS BIOLOGY**
Option: **NUCLEAR MEDICINE TECHNOLOGY**
Major Field Requirements: **53.0 credits**
Other Requirements: **28.0 - 31.0 credits**

When applicable, up to six of the **REQUIRED RELATED** courses may be credited toward the Liberal Arts Core subject to normal distribution rules.

| Course No. | | Short Title | C.H. | Grade | Q.P. |
|---|---|---|---|---|---|
| **REQUIRED BIOLOGY COURSES (16.0 credits)** | | | | | |
| BIOL | 101 | Foundations of BIOL | 4.0 | | |
| BIOL | 211 | Concepts of Zoology | 4.0 | | |
| BIOL | 362 | Cell & Development | 4.0 | | |
| BIOL | 364 | Genetics & Mole BIO | 4.0 | | |
| **REQUIRED NUCMED COURSES (9 credits)** | | | | | |
| BIOL | 257 | Intro to Allied Health | 1.0 | | |
| BIOL | 356 | Functional Human Anat | 5.0 | | |
| BIOL | 375 | Biometry | 3.0 | | |

**Clinical Education**
At an affiliated hospital site
Clinical Education for Nuclear Medicine Technology (28 credits)

| Course No. | | Short Title | C.H. | Grade | Q.P. |
|---|---|---|---|---|---|
| **REQUIRED RELATED (28.0 - 31.0 credits)** | | | | | |
| **Chemistry (16.0 credits)** | | | | | |
| CHEM | 111 | Intro to Chem I | 4.0 | | |
| CHEM | 112 | Intro to Chem II | 4.0 | | |
| CHEM | 235 | Organic Chem | 4.0 | | |
| CHEM | 326 | Biochemistry I | 4.0 | | |

NOTE: Those wishing to complete a Chemistry minor must complete CHEM 265 (Quantitative Analysis) in addition to those Chemistry courses listed above.

| | | | | | |
|---|---|---|---|---|---|
| **Mathematics (4.0 - 5.0 credits)** | | | | | |
| MATH | 160 | Precalculus | 4.0 | | |
| | | **---- ---- or ---- ----** | | | |
| MATH | 161 | Calculus I | 4.0 | | |
| | | **---- ---- or ---- ----** | | | |
| MATH | 163 | Honors Calculus | 5.0 | | |
| **Physics (8.0 - 10.0 credits)** | | | | | |
| PHYS | 131 | Physics I with Algebra | 4.0 | | |
| PHYS | 132 | Physics II with Algebra | 4.0 | | |
| | | **---- ---- or ---- ----** | | | |
| PHYS | 231 | Phys I with Calculus | 5.0 | | |
| PHYS | 232 | Phys II with Calculus | 5.0 | | |
| **General Electives (as necessary)** | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |