

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) and Diversity, Power Dynamics and Social Justice

| | | | | |
|-------|--|--|--|--------------------------|
| W-II | Written Communication - Level II | | | <input type="checkbox"/> |
| W-III | Written Communication - Level III | | | <input type="checkbox"/> |
| DPDS | Diversity, Power Dynamics and Social Justice | | | <input type="checkbox"/> |

Free Electives (0 credits minimum total)

May be necessary to take additional credits to attain the minimum 128 credits required for graduation depending on choices made for general education or minor selection.

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COURSES IN MAJOR 61 credits total)

Required (61 credits)

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|-----|------|---------------------------------|---|--|
| 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 | 217 | General Genetics | 3 | |
| 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 | |
| BIO | 415 | Biology Seminar | 3 | |
| 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 | 150 | Precalculus | 3-4 | |
| | or 220 | Calculus I | | |
| PHS | 315 | Introduction To Radiation Physics | 3 | |
| PHL | 218 | Medical Ethics | 3 | |

Required Minor: Chemistry (16 credits total)

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|-----|-----|----------------------|---|--|
| 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, Level III Written Communications and Diversity, Power Dynamics and Social Justice 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.

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| ♦ 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: 128 - 130

Effective: 9/2020