Summer 2015

Ferris State University
College of Health Professions
NUCLEAR MEDICINE TECHNOLOGY – Bachelor of Science (BS) Degree

REQUIRED COURSES	COURSE TITLE (Pre-requisites)	CREDITS
GENERAL EDUCATION REQUIREMENTS http://www.ferris.edu/HTMLS/academics/gened/courses/GenEd-bachelor.pdf		
Communication Competence: 12 Credits Required		
COMM 105 or 121 or 221	Communications Foundation Course (none) Select one: COMM 105 Interpersonal Communication or COMM 121 Fundamentals of Public Speaking or COMM 221 Small Group Decision Making	3
ENGL 150	English 1 (ENGL 074 or minimum ACT sub-score of 14 or 370 on SAT)	3
ENGL 250	English 2 (ENGL 150)	3
ENGL 321 or 311 or 325	Select one: ENGL 321 Advanced Composition (ENGL 250) ENGL 311 Advanced Technical Writing (ENGL 250) ENGL 325 Advanced Business Writing (ENGL 250)	3
Scientific Understanding: 16 Credits Required		
CHEM 114	Introduction to General Chemistry (CHEM 103 or HS Chemistry)	4
BIOL 205	Human Anatomy and Physiology (CHEM 114)	5
BIOL 108	Medical Microbiology	3
PHYS 130	Concepts in Physics (MATH 110)	4
Quantitative Skills: 3 Credits or Proficiency Required ***See all proficiency options:** http://www.ferris.edu/HTMLS/academics/gened/courses/GenEd-bachelor.pdf		
MATH 115 or ACT Math sub-score of 24	Intermediate Algebra (MATH 110 with a grade of C- or better, or 19 on ACT or 460 on SAT)	3
***Social Awareness: 9 Credits Required** • Choose three Social Awareness courses, in at least two different subject areas • One of the Social Awareness courses must be a Foundations course • One of the Social Awareness courses must be at the 200-level or higher		
Elective		3
Elective		3
Elective		3
***Cultural Enrichment: 9 Credits Required** • Choose three cultural enrichment courses • At least ONE course at the 200-level or higher • No more than 5 credit hours in cultural enrichment activities courses may apply to this requirement		
Elective		3
Elective		3
Elective		3

***Race-Ethnicity-Gender**: one course
 Please note that many Race/Ethnicity/Gender courses also meet Social Awareness or Cultural Enrichment requirements.
***Global Consciousness:** one course
 Please note that many Global Consciousness courses also meet Social Awareness or Cultural Enrichment requirements.

NUCLEAR MEDICINE MAJOR REQUIREMENTS		
Core Curriculum for Health Professions: 11 Credits Required		
COHP 100	Orientation to Medical Vocabulary (none)	1
COHP 101	The U.S. Health Care System (none)	3
COHP 102	Safety Issues in Health Care (none)	1
COHP 350	Statistics in Health Care (MATH 110 or Proficiency)	3
COHP 450	Evidence-Based Health Practice (COHP 350)	3
Nuclear Medicine Courses: 60 Credits Required		
NUCM 100	Introduction to Nuclear Medicine (NMT Major)	1
NUCM 101	Practical Mathematics in Nuclear Medicine (NMT Major)	1
NUCM 110	Principles & Practices of Nuclear Medicine (NMT Major))	3
NUCM 111	Principles & Practices of Nuclear Medicine Lab (NMT Major)	1
NUCM 205	Nuclear Medicine Instrumentation (NMT Major)	3
NUCM 206	Nuclear Medicine Instrumentation Lab (NMT Major)	1
NUCM 215	Clinical Procedures 1 (NMT Major)	4
NUCM 216	Clinical Procedures 1 Lab (NMT Major)	1
NUCM 240	Cross Sectional Imaging (NMT Major)	3
NUCM 310	PET, CT and MR Imaging (NMT Major)	4
NUCM 320	Clinical Procedures 2 (NMT Major)	4
NUCM 321	Clinical Procedures 2 Lab (NMT Major)	1
NUCM 340	Advanced Imaging Techniques (NMT Major)	2
NUCM 350	Nuclear Cardiology (NMT Major)	2
NUCM 351	Nuclear Cardiology Lab (NMT Major)	1
NUCM 360	Management and Leadership in NMT (NMT Major)	3
NUCM 370	Pharmacology in Nuclear Medicine (NMT Major)	1
NUCM 485	NMT Theory 1 (Co-requisite NUCM 493)	1
NUCM 486	NMT Theory 2 (C0-requisite NUCM 494)	1
NUCM 493	Clinical Application in NMT 1 (Permission of program)	10
NUCM 494	Clinical Application in NMT 2 (NUCM 493)	10
NUCM 499	Capstone in NMT (COHP 450, NUCM 493)	2
	Total Program Credits	**120**

OTHER PROGRAM INFORMATION

Program Progression Policy:

- A letter grade of "C" or higher is required for all Nuclear Medicine Technology Program requirements including core and general education courses. The exception is ENGL 150 which requires a grade of C- or better.
- Any student that receives less than a letter grade of "C" in one Nuclear Medicine Technology course must stop the Nuclear Medicine Technology sequence. They must re-apply to the program to repeat the course the next time it is offered (if a seat is available).
- Two unsuccessful (less than a letter grade of "C") attempts in any required course (or two unsuccessful attempts in the same course) will result in dismissal from the Nuclear Medicine Technology Program.
- If at any time a student's college cumulative GPA falls below a 2.5 they will be dismissed from the Nuclear Medicine Technology Program.
- All general education requirements must be completed prior to the start of internship. Any student not completing all these requirements will not be allowed to enter internship.

Other:

- Any student with a conviction record is advised to contact the American Registry of Radiologic Technologist and the Nuclear Medicine Technology Certification Board in regards to their ability to take the registry examinations upon completion of the program.
- Students may need to relocate for clinical internship.

Policy on FSU Credit Requirement:

- A minimum of 40 credits must be earned at the upper division (300 or 400) level for the BS degree.
- Students must earn a minimum of 30 of the total BS degree credits from FSU.

FSU Sunset Policy:

- If a student returns to the university after an interrupted enrollment (not including summer semester), the requirements of the curriculum (including General Education) which are in force at the time of return must be met, not the requirements in effect at the time of original admission. In special circumstances, the academic department head/chair may permit the student to finish under the program requirements in force at the time of original admission to the program.

Program Accreditation

- The NMT program at Ferris State University is fully accredited by the Joint Review Committee on Educational Programs in Nuclear Medicine Technology (JRCNMT). The JRCNMT can be contacted as follows: JRCNMT, 2000 W. Danforth Rd. STE 130, #203 Edmond, OK 73003 | Phone: (405) 285-0546 | Fax: (405) 285-0579 | jrcnmt@coxinet.net

PROGRAM LEARNING OUTCOMES	ASSESSMENT METHODS
Graduates will communicate effectively as a member of an interdisciplinary health care team.	• Internship Evaluations by Adjunct Clinical Instructor • Student Exit Survey • Employer Survey
Graduates will engage in lifelong learning & promotion of profession in a legal, ethical and professional manner.	• Alumni Survey: Continuing Education & Professional Memberships
Graduates will become credentialed as a registered and/or Certified Nuclear Medicine Technologist.	• Student Exit Survey • Nuclear Medicine Technology Certification board (NMTCB) and / or American Registry of Radiologic Technologists (ARRT)(N) pass rates • Alumni Survey • Employer Survey
The Program will meet the essentials of the JRCNMT to maintain specialized accreditation.	• Program completion Rates • NMTCB and / o r AART (N) Pass rates