NUCM Nuclear Medicine Course

- **NUCM 3001** Nuclear Medicine I
  - 6 Credit Hours. 5 Lecture Hours. 2 Lab Hours.
  - Introduction to the theory, principals and, procedures of nuclear medicine.
  - Basic principles involved in imaging, diagnoses, and therapies are emphasized.

- **NUCM 3001L** Nuclear Medicine I Lab
  - 0 Credit Hours. 0 Lecture Hours. 2 Lab Hours.
  - Corequisite(s): NUCM 3001.

- **NUCM 3002** Nuclear Medicine II
  - 6 Credit Hours. 5 Lecture Hours. 0 Lab Hours.
  - Principles of radionuclide production and radiation detection. Topics include preparation and use of radiopharmaceuticals, decay modes, half-life, radiation interactions, radiation equipment and instrumentation applied to nuclear medicine imaging.
  - Prerequisite(s): A minimum grade of "C" in NUCM 3001.
  - Corequisite(s): RDSC 3002.

- **NUCM 3002L** Nuclear Medicine II Lab
  - 0 Credit Hours. 0 Lecture Hours. 2 Lab Hours.

- **NUCM 3003** Nuclear Medicine III
  - 3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
  - Advanced Nuclear Medicine Imaging. Topics include the principles of Positron Emission Tomography, radiopharmaceutical production and instrumentation of PET.
  - Prerequisite(s): A minimum grade of "C" in NUCM 3002.

- **NUCM 3100** Introduction to Nuclear Medicine Clinical Education
  - 1 Credit Hour. 1 Lecture Hour. 0-18 Lab Hours.
  - Overview of the clinical setting, administrative structures, legal/compliance requirements, and required documentation.
  - Prerequisite(s): A minimum grade of "C" in NUCM 3001.
  - Corequisite(s): NUCM 3002.

- **NUCM 4101** Nuclear Medicine Clinical Education I
  - 5 Credit Hours. 0 Lecture Hours. 0-18 Lab Hours.
  - Supervised clinical practice in performing nuclear medicine procedures.
  - Prerequisite(s): A minimum grade of "C" in NUCM 3100 and DDTS 3001.

- **NUCM 4102** Nuclear Medicine Clinical Education II
  - 6 Credit Hours. 0 Lecture Hours. 0-18 Lab Hours.
  - Supervised clinical practice in performing nuclear medicine procedures.
  - Prerequisite(s): A minimum grade of "C" in NUCM 4101.

- **NUCM 4103** Nuclear Medicine Clinical Education III
  - 9 Credit Hours. 0 Lecture Hours. 0-18 Lab Hours.
  - Supervised clinical practice in performing nuclear medicine and CP procedures.
  - Prerequisite(s): A minimum grade of "C" in NUCM 4102.

- **NUCM 4200** Nuclear Medicine Synthesis
  - 3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
  - A discussion of general and advanced theoretical concepts of Nuclear Medicine.
  - Prerequisite(s): A minimum grade of "C" NUCM 3003 and NUCM 4102.