

Department of Clinical and Diagnostic Sciences

Bachelor of Science in Nuclear Medicine Technology

According to the SACSCOC Off-Site Committee, the undergraduate Nuclear Medicine Technology program was found to be non-compliant with Comprehensive Standard 3.5.4 as described below.

- 3.5.4** At least 25 percent of the course hours in each major at the baccalaureate level are taught by faculty members holding an appropriate terminal degree—usually the earned doctorate or the equivalent of the terminal degree. (Terminal degrees of faculty).

Response: The following data are provided to demonstrate compliance to this Comprehensive Standard for the B.S. in Nuclear Medicine Technology program.

1. The nuclear medicine technology profession has a Nuclear Medicine Advanced Associate (NMAA) terminal degree, which is offered at the master's degree level. Currently, there are no PhD programs in nuclear medicine technology, and therefore, we believe that the terminal degree in this field is at the master's degree level. From Table 1, which compiles the faculty assignments on a course-by-course basis, we calculate that 74% of the course hours are being taught by faculty holding an appropriate terminal degree at the master's degree level. Additionally, one faculty member will receive his PhD in Biochemistry & Molecular Genetics in December 2014.
2. Formal education programs in nuclear medicine technology are accredited by the Joint Review Committee on Educational Programs in Nuclear Medicine Technology (JRCNMT). The Nuclear Medicine Technology Program at the University of Alabama at Birmingham has a current accreditation award, which remains in effect through 2017, by the JRCNMT. According to JRCNMT, faculty designated by the program must be qualified, by education, certification (CNMT), and experience to teach assigned courses at the appropriate nuclear medicine technology educational level.

In 2010, the Nuclear Medicine Technology Program at the University of Alabama at Birmingham received a full accreditation award from JRCNMT with no citations noted during the site visit. The program was found to be in compliance with all of the required standards, including faculty requirements.

Since the nuclear medicine technology profession is a profession with the NMAA as its terminal degree, finding faculty with a doctoral level in the nuclear medicine technology is not possible.

Table 1: Nuclear Medicine Technology Curriculum (2013 – 2014)

Number	Name	Credit hours	Instructor	Credentials	Terminal degree/Qualifications
NMT 400	Intro to Clinical NMT	2	Norman Bolus	MSPH, M.P.H., CNMT, FSNMMI-TS	M.S. CNMT certified
NMT 401	Introduction to MRI Clinic	2	Elizabeth Cloyd	B.S., R.T.(R)(CT)(MR)	MRI certified
NMT 404	Patient Care	3	Norman Bolus	MSPH, M.P.H., CNMT, FSNMMI-TS	M.S. CNMT certified
NMT 405	Cross-Sectional Anatomy	3	Elizabeth Cloyd	B.S., R.T.(R)(CT)(MR)	Adjunct faculty
NMT 410	Medical Radiation Physics	4	Liliana Navarrete	M.S.	M.S.
NMT 421	Instrumentation I	4	Liliana Navarrete	M.S.	M.S.
NMT 421L	Instrumentation Lab	1	Amy Brady	M.A.Ed., CNMT	M.A.Ed., CNMT
NMT 422	Instrumentation II	3	Remo George	M.S., CNMT	M.A.Ed., CNMT
NMT 423	Computed Tomography	3	Elizabeth Cloyd	B.S., R.T.(R)(CT)(MR)	CT certified
NMT 424	Physics/Instrumentation of Nuclear Magnetic Resonance	3	Liliana Navarrete	M.S.	M.S.
NMT 431	Nuclear Medicine Procedures I	4	Remo George	M.S., CNMT	M.S. CNMT certified
NMT 432	Nuclear Medicine Procedures II	4	Remo George	M.S., CNMT	M.S. CNMT certified
NMT 433	Computed Tomography Procedures	3	Elizabeth Cloyd	B.S., R.T.(R)(CT)(MR)	CT certified
NMT 434	MRI Scanning and Sequence	3	Elizabeth Cloyd	B.S., R.T.(R)(CT)(MR)	MRI certified
NMT 441	Radiation Protection and Biology	3	Remo George	M.S., CNMT	M.S. CNMT certified
NMT 442	Applications of Radiation Protection & Biology	1	Amy Brady	M.A.Ed., CNMT	M.A.Ed., CNMT
NMT 443	Regulatory Issues	2	Remo George	M.S., CNMT	M.S. CNMT certified
NMT 451	Communication Skills	1	Norman Bolus	MSPH, M.P.H., CNMT, FSNMMI-TS	M.S. CNMT certified
NMT 452	Health Law for NMTs	1	Norman Bolus	MSPH, M.P.H., CNMT, FSNMMI-TS	M.S. CNMT certified
NMT 460	Radiopharmacy & Pharmacology	2	Norman Bolus	MSPH, M.P.H., CNMT, FSNMMI-TS	M.S. CNMT certified
NMT 461	Radiopharmacy & Pharmacology Lab	1	Norman Bolus	MSPH, M.P.H., CNMT, FSNMMI-TS	M.S. CNMT certified
NMT 491	Clinical Practice I	3	Amy Brady	M.A.Ed., CNMT	M.A.Ed., CNMT
NMT 492	Clinical Practice II	5	Amy Brady	M.A.Ed., CNMT	M.A.Ed., CNMT

Number	Name	Credit hours	Instructor	Credentials	Terminal degree/ Qualifications
NMT 493	Clinical Practice III	7	Amy Brady	M.A.Ed., CNMT	M.A.Ed., CNMT
NMT 494	CT Clinical Practice	10	Elizabeth Cloyd	B.S., R.T.(R)(CT)(MR)	CT certified
NMT 495	MRI Clinical Practice	10	Elizabeth Cloyd	B.S., R.T.(R)(CT)(MR)	MRI certified
NMT 499	Correlative Imaging	3	Norman Bolus	MSPH, M.P.H., CNMT, FSNMMI- TS	M.S. CNMT certified

CNMT - Certified Nuclear Medicine Technologist