14-146d.
UWUCC - AP 4/7/15
Provost - App - 3/16/15
Senate App - 4/28/15

Template G

Program Revision Template

Steps to the approval process:

1. Complete the applicable template(s) and email them to the departmental or program curriculum committee chair.
2. The curriculum chair emails the proposal to the curriculum committee, then to the department/program faculty for a vote and finally to the department/program chair.
3. The department/program chair emails the proposal to curriculum-approval@iup.edu; this email will also serve as an electronic signature.
4. Curriculum committee staff will log the proposal, forward it to the appropriate dean's office(s) for review within 14 days and post it on the X Drive for review by all IUP faculty and administrators. Following the dean's review the proposal goes to the UWUCC/UWGC and the Senate.
5. Questions? Email curriculum-approval@iup.edu.

Contact Person:	Theresa Gropelli and Joyce Shanty	Email Address:	Theresa.Gropelli@iup.edu Joyce.Shanty@iup.edu
Proposing Depart/Unit:	Nursing and Allied Health Professions	Phone:	724-357-7647

Program Revisions (Check all that apply): ☒ Program Revision ☐ Program Title Change ☐ Catalog Description Change ☐ Credit Hour Change ☐ Liberal Studies Requirement Changes ☐ Variability of Delivery ☐ Other: Click here to enter text.

Current Program Information		Proposed Changes	
Current Program Title	**Bachelor of Science—Nuclear Medicine Technology**	Proposed Program Title *(if changing)*	Click here to enter text.
Current Narrative Catalog Description	.	Proposed Narrative Catalog Description *(if changing)*	Click here to enter text.
Current Program Requirements	**Liberal Studies:** As outlined in Liberal Studies section with the 50 following specifications: **Mathematics:** MATH 105 **Natural Science:** CHEM 101-102 **Social Science:** PSYC 101, SOC 151 **Liberal Studies Electives:** 9cr, BTED/COSC/IFMG 101, MATH 217, PHYS 111, no courses with NMDT prefix **Major:** 32 **Required Courses:** (1) NMDT 427 Nuclear Scintigraphy 3cr NMDT 428 Radiation Physics 3cr NMDT 429 Nuclear Medicine Instrumentation 3cr NMDT 430 Radiation Biology and Radiation Protection 2cr INDIANA UNIVERSITY OF PENNSYLVANIA UNDERGRADUATE CATALOG, 2014-15 Page 95	Proposed Program Requirements *(if changing)*	**Liberal Studies:** As outlined in Liberal Studies section with the 50 following specifications: **Mathematics:** MATH 105 **Natural Science:** CHEM 101-102 **Social Science:** PSYC 101, SOC 151 **Liberal Studies Electives:** 9cr, BTED/COSC/IFMG 101, MATH 217, PHYS 111, no courses with NMDT prefix **Major:** 32 **Required Courses:** (1) NMDT 427 Nuclear Scintigraphy 3cr NMDT 428 Radiation Physics 3cr NMDT 429 Nuclear Medicine Instrumentation 3cr NMDT 430 Radiation Biology and Radiation Protection 2cr INDIANA UNIVERSITY OF PENNSYLVANIA UNDERGRADUATE CATALOG, 2014-15 Page 95

	NMDT 431 In Vivo/In Vitro Nonimaging 1cr NMDT 432 Radiopharmaceuticals 3cr NMDT 433 Introduction to Tomographic Imaging 1cr NMDT 434 Clinical Nuclear Medicine 16cr **Other Requirements:** (2) 18 BIOL 105 Cell Biology 3cr BIOL 150 Human Anatomy 3cr BIOL 151 Human Physiology 4cr ENGL 310 Public Speaking 3cr PHYS 121 Physics I Lab 1cr PHYS 112 Physics II Lecture 3cr PHYS 122 Physics II Lab 1cr **Free Electives:** (3) 20 **Total Degree Requirements:** 120 (1) These courses are offered at the University of Findlay/Nuclear Medicine Institute, Findlay, Ohio, and/or Community College of Allegheny County nuclear medicine technology program, Pittsburgh. These areas of study are consistent with requirements of the JRCNMT. All eight of these areas of study are completed during the final 12 months of the degree program. (2) Students are also required to complete a medical terminology course/ program. Options to fulfill this requirement must be approved by the coordinator of allied health professions. (3) Two writing-intensive courses are required. Both courses may be from either Liberal Studies or Free Electives.		NMDT 431 In Vivo/In Vitro Nonimaging 1cr NMDT 432 Radiopharmaceuticals 3cr NMDT 433 Introduction to Tomographic Imaging 1cr NMDT 434 Clinical Nuclear Medicine 16cr **Other Requirements:** (2) 18 BIOL 150 Human Anatomy 4cr BIOL 240 Human Physiology 4cr BIOL 241 Introductory Medical Microbiology 4cr ENGL 310 Public Speaking 3cr PHYS 121 Physics I Lab 1cr PHYS 112 Physics II Lecture 3cr PHYS 122 Physics II Lab 1cr **Free Electives:** (3) 18 **Total Degree Requirements:** 120 (1) These courses are offered at the University of Findlay/Nuclear Medicine Institute, Findlay, Ohio, and/or Community College of Allegheny County nuclear medicine technology program, Pittsburgh. These areas of study are consistent with requirements of the JRCNMT. All eight of these areas of study are completed during the final 12 months of the degree program. (2) Students are also required to complete a medical terminology course/program. Options to fulfill this requirement must be approved by the coordinator of allied health professions. (3) Two writing-intensive courses are required. Both courses may be from either Liberal Studies or Free Electives.
Rationale for Proposed Changes			
Why is the program being revised?	Changes to the Bachelors of Science in Nuclear Medicine Technology curriculum are a result of changes in the Biology Department curriculum. These changes are supported by Allied Health Professions.		

Template G

Identify the **Program** Student Learning Outcomes (SLO). Mark any SLOs that are changing as a part of the Program Revision.	None
Implication of the Change on: - Program - Other programs - Current Students	Students will no longer be required to take BIOL 105 Cell Biology, a three credit course. Students instead will complete the following three 4-credit courses: BIOL 150, BIOL 240, and BIOL241. The total number of BIOL course hours that students currently take is equal to 13 credit hours. The proposed revisions will reduce this to 12 credit hours. Students may use the additional contact hour towards courses in the major.