

# Curriculum for B.S. in Radiologic Sciences- Concentration in Nuclear Medicine

## STUDENT HANDOUT

**Hours required for graduation: 134**

**Note: To count towards graduation credit hours, the minimum GPA must be 2.50 and each course must be completed with a grade of “C” or better (does not include “C-“). Courses marked with “\*\*” are prerequisites for the Nuclear Medicine Imaging Program.**

Our WEB site: <http://radiology.unm.edu/RadSciences/index.htm>

Our Email address: [raddpt@unm.edu](mailto:raddpt@unm.edu) or [rgeorge@unm.edu](mailto:rgeorge@unm.edu)

Course	Hr	Comments
** Biol 123L Bio for Hlth Rel Sci	4	<i>(fulfills Core requirement for Physical and Natural Sciences)</i>
** Biol 237 Human Anat & Phys I	3	<i>(fulfills Core requirement for Physical and Natural Sciences)</i>
** Biol 247L Anat & Phys Lab I	1	
** Biol 238 Human Anat & Phys II	3	<i>(fulfills Core requirement for Physical and Natural Sciences)</i>
** Biol 248L Anat & Phys Lab II	1	
** Biol 239L Microbio/Health Sci	4	<i>(fulfills Core requirement for Physical and Natural Sciences)</i>
<b>Any two of the following C&amp;J courses: 221, 314, 320, 323, 344</b>	3	<i>(fulfills Core requirement for Writing and Speaking)</i>
	3	<i>(fulfills Core requirement for Writing and Speaking)</i>
** Chem 121L Elem of Gen Chem	3	<i>(fulfills Core requirement for Physical and Natural Sciences)</i>
** Chem 122L General Chem -or- Chem 212 Integ Org Chem+Bioch	4	<i>(fulfills Core requirement for Physical and Natural Sciences)</i>
** CS 150 Comput for Bus Stu	3	
Econ 105 Intro Macroeconomics	3	<i>(fulfills Core requirement for Social and Behavioral Sciences)</i>
Econ 106 Intro Microeconomics	3	<i>(fulfills Core requirement for Social and Behavioral Sciences)</i>
Econ 335 Health Economics	3	<i>(fulfills Core requirement for Social and Behavioral Sciences)</i>
** ENGL 101 Comp I: Exposition	3	<i>(fulfills Core requirement for Writing and Speaking)</i>
** ENGL 102 Comp II: Analys & Arg	3	<i>(fulfills Core requirement for Writing and Speaking)</i>
ENGL 219 Technical Writing	3	<i>(fulfills Core requirement for Writing and Speaking)</i>
H Sci 330 Patient Care	2	<i>(taken as part of the Nuclear Medicine Imaging Program)</i>
H Sci 378 Current Problems I	3	<i>(must have been accepted to or completed the Nuclear Medicine Imaging Program or obtain permission of instructor)</i>
H Sci 380 Hum Cross Sect Anat	3	<i>(taken as part of the Nuclear Medicine Imaging Program)</i>
H Sci 381 Med Lang Systems Rev	1	<i>(taken as part of the Nuclear Medicine Imaging Program)</i>
H Sci 399 Current Problems II	3	<i>(must have been accepted to or completed the Nuclear Medicine Imaging Program or obtain permission of instructor)</i>
H Sci 405 Medical Imaging Thry II	3	<i>(must have been accepted to or completed the Nuclear Medicine Imaging Program or obtain permission of instructor)</i>
** Math 150 Pre-Calculus Mathematics	3	<i>(fulfills Core requirement for Mathematics)</i>
MGT 308 Eth Pol Social Env	3	
N MD I 315 Radiation Safety	2	<i>(taken as part of the Nuclear Medicine Imaging Program)</i>
N MD I 320 Clin Nuc Tech I	4	<i>(taken as part of the Nuclear Medicine Imaging Program)</i>
N MD I 354 Clin Radiopharm	2	<i>(taken as part of the Nuclear Medicine Imaging Program)</i>
N MD I 360 Imaging Instrumt I	3	<i>(taken as part of the Nuclear Medicine Imaging Program)</i>

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	N MD I 365 Clin Nuc Tech II	6	<i>(taken as part of the Nuclear Medicine Imaging Program)</i>
	N MD I 375 Nuc Phys and Instru	3	<i>(taken as part of the Nuclear Medicine Imaging Program)</i>
	N MD I 385 Imaging Instrumt II	3	<i>(taken as part of the Nuclear Medicine Imaging Program)</i>
	N MD I 390 In Vitro Nucl Med	2	<i>(taken as part of the Nuclear Medicine Imaging Program)</i>
	N MD I 392 Pathology Seminar	2	<i>(taken as part of the Nuclear Medicine Imaging Program)</i>
	N MD I 396 Essentials Nuc Med I	4	<i>(taken as part of the Nuclear Medicine Imaging Program)</i>
	N MD I 400 Clin Nuc Tech III	5	<i>(taken as part of the Nuclear Medicine Imaging Program)</i>
	N MD I 412 Nuc Rad Biology	1	<i>(taken as part of the Nuclear Medicine Imaging Program)</i>
	N MD I 415 Ess Nuc Med Image II	2	<i>(taken as part of the Nuclear Medicine Imaging Program)</i>
**	Phil 245 Professional Ethics -or- Phil 102 Current Moral Problems	3	<i>(fulfills Core requirement Humanities)</i>
**	Physics 151 General Physics (lab not required)	3	<i>(fulfills Core requirement for Physical and Natural Sciences)</i>
**	Psych 105-Gen Psych I	3	<i>(fulfills Core requirement for Social and Behavioral Sciences)</i>

Core Curriculum (*This in effect for new students and readmits that did not attend the university in the fall of 1998, spring or summer of 1999.*)

The university has adopted a Core Curriculum that all undergraduate students must complete as part of their baccalaureate program. The Core consists of several groups of courses designed to enhance each student's academic capabilities. Its goal is to give all students at the university a grounding in the broad knowledge and intellectual values obtained in a liberal arts education and to assure that graduates have a shared academic experience. The required courses encourage intellectual development in seven areas of study: writing and communication; social and behavioral sciences; mathematical reasoning; scientific methods in the physical and natural sciences; the humanities; the fine arts; and languages. The Core consists of lower-division courses that develop these skills and abilities and students are strongly encouraged to complete the program early in their college careers. However, the university recognizes that the highly structured nature of many degree programs and the presence of numerous transfer and non-traditional students requires flexibility on its part and the substitution of other courses for Core requirements will be allowed on a case-by-case basis. Transfer and reentering students will receive advising in the college and department to which they are admitted in order to establish an appropriate program which will meet their needs and the aims of the Core. Approval of exceptions is handled on a departmental and college basis. Except as noted below, students may apply AP or CLEP credit to the Core requirements.

Departments and colleges may restrict student choices within the Core to meet departmental and college degree requirements.

A grade of C (not C-) is required in all courses used to fulfill the requirements of the Core Curriculum.

The basic program requires approximately thirty-seven hours of courses in seven areas of study.

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1.) Writing and Speaking (9 hours): English 101-102 and an additional course chosen from English 219, 220; Communication and Journalism 130; Philosophy 156. (C&J 221 will work here.)

2.) Mathematics: One course chosen from Math 121, 150 162L, 163L, 180, 181, 215, and Stat 145.

3.) Physical and Natural Sciences: Two courses, one of which must include a laboratory chosen from; Anthropology 150 and 151L, Astronomy 101; Biology 110 and 112L, 121L, 122L, 123L; Chemistry 105 and 107L, 111L, 121L or 131L, 122L or 132L; Earth & Planetary Sciences 101 and 105L, 102L, 103; Geography 101 and 105L; Natural Sciences 261L, 262L, 263L; Physics 102L, 151L, 152L, 160L, 161L. (Biol 237,247L and 238, 248L will work here.)

4.) Social and Behavioral Sciences (minimum 6 hours): Two courses chosen from: American Studies 182, 185; Anthropology 101, 130; Economics 105, 106; Geography 102; Linguistics 101; Political Science 110, 200; Psychology 105; Sociology 101.

5.) Humanities (6 hours): Two courses chosen from American Studies 186, Classics 107, 204, 205; Comparative Literature and Cultural Studies 223, 224; English 150, 292, 293; Foreign Languages (M Lang) 101; History 101, 102, 161, 162, Philosophy 101, 201, 202; Religious Studies 107. (Phil 245 or 102 will work here.)

6.) Foreign Language (non-English language; minimum 3 hours): One course chosen from any of the lower-division non-English language offerings of the Departments of Linguistics, Spanish and Portuguese, and Foreign Languages and Literatures. Sign 201 is also acceptable.

7.) Fine Arts (minimum of 3 hours): One course chosen from: Art History 101, 201, 202; Dance 105; Media Arts 210; Music 139, 140; Theatre 122. Students may elect to take one three-hour studio course offered by the Departments of Art and Art History, Music, Theatre and Dance, and the Media Arts program to fulfill this requirement.