

Curriculum for B.S. in Radiologic Sciences- Concentration in Radiography
**STUDENT HANDOUT FOR COMPUTED TOMOGRAPHY AND MAGNETIC RESONANCE
 IMAGING EMPHASES**

***USE THIS FORM FOR STUDENTS WHO HAVE COMPLETED A CERTIFIED RADIOGRAPHY
 PROGRAM AND HAVE CERTIFICATION THROUGH ARRT***

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-").

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

Our Email address: raddpt@unm.edu

(X= completed; N= needs;IP= in progress

Note that CT and MRI applicants must have ARRT certification and meet a selection committee.

Course	Status	Comments
Biol 123L Bio for Hlth Rel Sci (course and lab)		<i>(fulfills Core requirement for Physical and Natural Sciences)</i>
Biol 237 Human Anat & Phys I		<i>(fulfills Core requirement for Physical and Natural Sciences) NOTE: UNM requires a Chemistry course with lab as prerequisite for this course.</i>
Biol 247L Anat & Phys Lab I		
Biol 238 Human Anat & Phys II		<i>(fulfills Core requirement for Physical and Natural Sciences)</i>
Biol 248L Anat & Phys Lab II		
CS 150 Comput for Bus Stu		
Econ 335 Health Economics		<i>(fulfills Core requirement for Social and Behavioral Sciences) NOTE: Econ 105 and 106 listed in UNM catalog as prerequisites for this course.</i>
ENGL 101 Comp I: Exposition		<i>(fulfills Core requirement for Writing and Speaking)</i>
ENGL 102 Comp II: Analys & Arg		<i>(fulfills Core requirement for Writing and Speaking)</i>
Math 121 College Algebra		<i>(fulfills Core requirement for Mathematics)</i>
Phil 245 Professional Ethics -or- Phil 102 Current Moral Problems		<i>(fulfills Core requirement Humanities)</i>
Psych 105 Gen Psych I		<i>(fulfills Core requirement for Social and Behavioral Sciences)</i>
Any two of the following C&J courses: 221, 314, 320, 323, 344 (Other courses may be approved for credit by advisor.)		<i>(fulfills Core requirement for Writing and Speaking)</i>
		<i>(fulfills Core requirement for Writing and Speaking)</i>
H Sci 380 Hum Cross Sect Anat		
Sociology elective from list		<i>List has not been completed. Consult advisor for course options.</i>
H Sci 405 Medical Imaging Thry II		
Hsci 406 Medical Imaging Thry III		
Hsci 406 Medical Imaging Thry III		

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Previous nuclear medicine or radiography coursework evaluated by the department.

COMPLETE THESE FOR MRI EMPHASIS

RAD 450 Physics of Magnetic Resonance Imaging I
RAD 451 Physics of Magnetic Resonance Imaging II
RAD 460 MRI Clinical I
RAD 461 MRI Clinical II

COMPLETE THESE FOR CT EMPHASIS

RAD 410 Phys Comp Tomography
RAD 420 Computed Tomography Clinical I
RAD 421 Computed Tomography Clinical II
RAD 422 Computed Tomography Clinical III

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**)

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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, **123L**; Chemistry 105 and 107L, 111L, 121L or 131L, 122L, 132L, or 212; 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, 248, 249L**

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 (**Econ 335**).

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**)

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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 language also fulfills this requirement.

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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.