

RADIOLOGIC TECHNOLOGY - ASSOCIATE OF APPLIED SCIENCE

Doña Ana Community College 2023-2024 Catalog (66-75 credits)

NOTE: To graduate, Radiologic Technology majors must earn a C- or better in all RADT courses; however, the students most likely to be competitive in the admissions process will have earned a B or better in their prerequisites. A grade of C- or better is required in ENGL 1110G Composition I and designated Mathematics courses.

Students must complete all University degree requirements, which include: General Education requirements and elective credits to total at least 66 credits. Developmental coursework will not count towards the degree requirements and/or elective credits, but may be needed in order to take the necessary English and Mathematics coursework. Note: The program is using variable credit until fall 2021 cohort graduates.

Prefix	Title	Credits
General Education		
<i>Select one course from four of the following six content areas for a total of 12-14 credits</i> ^{1,2}		
This degree requires courses from Areas I, II, III, and IV; students do not need to take additional courses to complete the General Education requirements.		
Area I: Communications		
ENGL 1110G	Composition I ^{3,9}	4
Area II: Mathematics		
MATH 1220G	College Algebra (or Higher) ^{3,4}	3
Area III: Laboratory Sciences		
CHEM 1120G	Introduction to Chemistry Lecture and Laboratory (non majors) ³	4
Area IV: Social/Behavioral Sciences		
PSYC 1110G	Introduction to Psychology ³	3
or SOCI 1110G	Introduction to Sociology	
General Education Elective (3-4 cr.) ⁷		
Core Requirement		
BIOL 1130G	Introductory Anatomy & Physiology (non-majors) ⁸	4
or BIOL 2210	Human Anatomy and Physiology I for the Health Sciences	
Major Requirements		
Technical Requirements ⁵		
RADT 100	Introduction to Radiologic Technology and Patient Care	3
RADT 101	Radiographic Positioning I	2
RADT 101 L	Radiographic Positioning I Applied Clinical Skills	1
RADT 102	Radiographic Positioning II	2
RADT 102 L	Radiographic Positioning II Applied Clinical Skills	1
RADT 103	Introduction to Radiographic Imaging	2
RADT 103 L	Intro to Radiographic Imaging Applied Clinic Skills	1

RADT 104	Special Radiologic Modalities	3
RADT 105	Radiographic Physics and Equipment	3
RADT 110	Radiographic Pathology	3
RADT 111	Radiographic Positioning I Practicum	1
RADT 112	Radiographic Positioning II Practicums	1
RADT 154	Radiographic Anatomy and Physiology	3
RADT 200	Radiation Biology and Protection	2
RADT 201	Clinical Practicum I	4
RADT 202	Clinical Practicum II ¹⁰	6
RADT 203	Clinical Practicum III ¹⁰	3
RADT 204	Special Modalities Practicum IV	3
RADT 205	Radiographic Image Critique	2
RADT 206	Applied Radiographic Procedures	3
RADT 156	Independent Study (optional not required) ⁵	
Total Credits		67

- Each course selected must be from a different area and students cannot take multiple courses in the same area.
- See the General Education (<http://catalogs.nmsu.edu/dona-ana/general-education-and-transfer-options/transfer-new-mexico-institutions/>) section of the catalog for a full list of courses.
- Courses are identical to those offered at New Mexico State University Las Cruces (main) Campus.
- MATH 1220G College Algebra is required for the degree but students may need to take any prerequisites needed to enter MATH 1220G first.
- All RADT classes are restricted to students who have completed the Core and Related Requirements and have been accepted into the Radiologic Technology Program.
- RADT 156 Independent Study (optional 1-6 credits, not required, used for special topics on a case-by-case basis)
- If a student completes BIOL 1130G the General Education requirements will be satisfied.
- If a student completes BIOL 2210, the student will also be required to complete a general education elective to meet the NM general education requirement for an Applied Associate degree.
- ENGL 1110G can also be taken in the 5th semester in the last year of program.
- The program has variable credits until fall 2021 cohort graduates.

(66-75 credits)

A Suggested Plan of Study

The contents of this roadmap may vary depending on initial student placement in mathematics and English. This is only a suggested plan of study for students, and is not intended as a contract. Individual student academic plans may vary. Please contact your academic advisor to create a plan that works for you. Course availability may vary from fall to spring semester and may be subject to modification or change.

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Students must complete all University degree requirements, which include: General Education requirements and elective credits to total at least 66 credits. Developmental coursework will not count towards the

degree requirements and/or elective credits, but may be needed in order to take the necessary English and Mathematics coursework.

Semester 1		Credits
Area I: Communications – English Composition Level 1		4
ENGL 1110G	Composition I ⁹	
Area II: Mathematics		3
MATH 1220G	College Algebra (or Higher)	
Area III: Laboratory Sciences		4
CHEM 1120G	Introduction to Chemistry Lecture and Laboratory (non majors)	
Area IV: Social/Behavioral Sciences		3
PSYC 1110G or SOCI 1110G	Introduction to Psychology or Introduction to Sociology	
BIOL 1130G or BIOL 2210	Introductory Anatomy & Physiology (non-majors) ^{7,8} or Human Anatomy and Physiology I for the Health Sciences	4
Credits		18
Semester 2		
RADT 100	Introduction to Radiologic Technology and Patient Care	3
RADT 101	Radiographic Positioning I	2
RADT 101 L	Radiographic Positioning I Applied Clinical Skills	1
RADT 111	Radiographic Positioning I Practicum	1
RADT 103	Introduction to Radiographic Imaging	2
RADT 103 L	Intro to Radiographic Imaging Applied Clinic Skills	1
RADT 154	Radiographic Anatomy and Physiology	3
General Education Elective 3-4 credits (only needed if BIOL 2210 taken for core requirement)		
Credits		13
Semester 3		
RADT 102	Radiographic Positioning II ¹⁰	2
RADT 102 L	Radiographic Positioning II Applied Clinical Skills	1
RADT 112	Radiographic Positioning II Practicums	1
RADT 105	Radiographic Physics and Equipment	3
RADT 110	Radiographic Pathology	3
RADT 200	Radiation Biology and Protection	2
Credits		12
Semester 4		
RADT 201	Clinical Practicum I	4
Credits		4
Semester 5		
RADT 202	Clinical Practicum II ¹⁰	6
RADT 205	Radiographic Image Critique	2
Credits		8
Semester 6		
RADT 203	Clinical Practicum III ¹⁰	3
RADT 104	Special Radiologic Modalities	3
RADT 204	Special Modalities Practicum IV	3
RADT 206	Applied Radiographic Procedures	3
RADT 156 - Independent Study (optional 1-6 credits; not required, used for special topics on a case-by-case basis).		
Credits		12
Total Credits		67