

Radiologic Technology

Plan of Study Saint Cloud State University Version: December 9, 2011

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University Catalog Entry: <http://bulletin.stcloudstate.edu/ugb/programs/radt.asp>

First Semester	Second Semester
BIOL 202 (Human Anatomy and Physiology I)--4 credits [Need satisfactory placement score or "C" or better in BIOL 103 or 151] CHEM 210 (Gen. Chem. 1)--4 credits [also take CHEM 160 (Prep. Chem.) before 210 if needed--4 credits] MATH 112 (College Algebra)--3 credits [need satisfactory math placement score or MATH 072 first] ENGL 191 (Intro. to Writing)--4 credits PEES 122--1 credit Total: 16 credits	BIOL 204 (Human Anatomy and Physiology II)--4 credits CHEM 211 (Gen. Chem. 2)--4 credits PHYS 231 (Gen. Physics I)--4 credits [MATH 112 needed before PHYS 231] CMST 192 (Intro. to Comm. Studies)--3 credits Total: 15 credits
Third Semester	Fourth Semester
BIOL 266 (Medical Terminology)--2 credits PHYS 232 (Gen. Physics II)--4 credits PHYS 308 (Informatics for Radiologic Technologists)--3 credits Liberal Education (two goal areas)--3 credits Liberal Education (two goal areas)--3 credits Elective--2 credits Total: 17 credits	PHYS 408 (Physics of Digital Medical Imaging)--3 credits [PHYS 232 needs to be completed before PHYS 408] PHIL 194 (Critical Reasoning)--3 credits Liberal Education--3 credits Liberal Education--3 credits Liberal Education--3 credits Total: 15 credits
Third Year (Fall, Spring, Summer)	
PHYS 354 (Clinical Radiologic Science I)--14 credits RADT 375 (Clinical Radiologic Technology II)--14 credits PHYS 309 (Radiologic Science Seminar)--1 credit	
Fourth Year (Fall, Spring, Summer)	
PHYS 454 (Clinical Radiologic Science III)--14 credits RADT 475 (Clinical Radiologic Technology IV)--14 credits	Total Credits: 120

Note: This plan was approved in Fall 2011 and is for all students applying for the major from this point onward.

GENERAL NOTES:

1. Important Note: courses should be taken in the order given above. The above plan takes into account when courses are offered and what pre-requisites are needed for each course. Students who take courses at different times run the risk of needing more time to finish the program. The required courses are not taught every semester. This course map includes all courses required for the major.
2. Students interested in this program should first declare their intended major as Radiologic Technology and should get advising help from an adviser knowledgeable about the SCSU medical physics programs.
3. Students who were admitted into the major under the previous course plan can take an elective in place of CHEM 211 (they should follow this plan in all other respects).
4. Application for clinical internships should be made early in the third semester.
5. This major will fulfill the requirements for two Liberal Education goal areas: Goal 3 (Natural Sciences) and Goal 4 (Mathematical/Logical Reasoning).
6. This is a competitive program, as are all medical programs. Competition for limited seats should be expected by the students. Clinical internships are required, but limited. There is no guarantee or promise that a student will get a clinical internship. Students are encouraged to have a backup plan in case they cannot get a clinical internship.
7. Students should apply for admission to the major before the third semester.