

Nuclear Medicine Technology

Suggested Plan of Study
Saint Cloud State University
Department of Physics, Astronomy and Engineering Science
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University Catalog Entry: <http://bulletin.stcloudstate.edu/ugb/programs/nmdt.asp>

First Semester	Second Semester
BIOL 151 (Cell Function)--4 credits CHEM 210 (Gen. Chem 1)--4 credits [take CHEM 160 (Prep. Chem) before 210 if needed--4 credits] MATH 112 (College Algebra)--3 credits ENGL 191 (Intro. to Writing) or core--4 credits PESS 122--1 credit Total: 16 credits	CHEM 211 (Gen. Chem 2)--4 credits PHYS 231 (Gen. Physics I)--4 credits CMST 192 (Intro. to Comm. Studies) or core--3 credits BIOL 366 (Human Anatomy)--4 credits General Education--3 credits Total: 18 credits
Third Semester	Fourth Semester
CHEM 240 (Basic Organic Chem)--4 credits PHIL 194 (Critical Reasoning)--3 credits PHYS 232 (Gen. Physics II)--4 credits General Education--3 credits Total: 14 credits	BIOL 262 (Genetics)--4 credits CHEM 241 (Basic Biochemistry)--4 credits General Education--3 credits Elective--3 credits Total: 14 credits
Fifth Semester	Sixth Semester
BIOL 360 (Cell Biology)--4 credits BIOL 486 (Immunology)--4 credits General Education--3 credits Elective--3 credits Total: 14 credits	BIOL 478 (Human Physiology)--4 credits CHEM 452 (Nuclear Chem)--3 credits General Education--3 credits Elective--3 credits Total: 14 credits
Seventh Semester	Eighth Semester
Internship NMDT Courses	Internship NMDT Courses

NOTES:

1. Students interested in this program are encouraged to get advising help from an adviser knowledgeable about the SCSU medical physics programs.
2. Once a student has completed BIOL 151 and CHEM 210, and if they have an overall GPA of 2.5 or better, they may apply for the major.
3. BIOL 266 (Medical Terminology) is recommended but not required.
4. Internship applications should be made early in the fifth semester.
5. This major fulfills the requirements for two General Education goal areas: Natural Sciences and Mathematical/Logical Reasoning.
6. CHEM 452 can be taken in the second or sixth semester.
7. This is a competitive program, as are most medical programs. Hustle and competition for limited seats should be expected by the students. Clinical internships are limited. There is no guarantee or promise that a students will get a clinical internship. Students are encouraged to have a backup plan (i.e., be able to switch to another major) in case they cannot get a clinical internship.
8. Academic programs with similar academic content include, but are not limited to, (1) Biomedical Science, (2) Medical Technology, and (3) Radiologic Technology.