CHECKLIST FOR MAJORS IN MEDICAL IMAGING SCIENCES (045)*
* FORMERLY "ALLIED HEALTH TECHNOLOGIES"

The Department of Biological Science at Rutgers-Newark and the University of Medicine and Dentistry of New Jersey, School of Health Related Professions (UMDNJ-SHRP) offer a joint Bachelor of Science degree in Medical Imaging Sciences. Students choose one of the four programs: Cardiac Sonography, Diagnostic Medical Sonography, Nuclear Medicine or Vascular Technology. Students graduating with degrees in MIS become members of health care teams contributing to the diagnosis and treatment of disease. MIS majors are readily employed in a variety of health care, industrial, governmental, and educational settings.

Medical Imaging Sciences majors complete their prerequisite science and math courses at Rutgers-Newark. They then apply to UMDNJ-SHRP in January for admission in September into one of four 15-month programs at UMDNJ. Admissions are competitive and so not guaranteed. Minimum admissions requirements include an overall GPA of 2.75, including grades of C or better in all pre-requisite science courses taken at Rutgers-Newark. Students who transfer to Rutgers-Newark must complete at least half their biology credits at Rutgers-Newark to qualify for the joint degree program.

REQUIRED COURSES FOR MEDICAL IMAGING SCIENCE MAJORS

All Medical Imaging Science majors must complete these math and science courses (59 credits):

- Concepts in Biology (NJIT BIOL 200) (3)
- Foundations of Biology 1: Cell & Molecular Biology (120:201) (3)
- Foundations of Biology 1 Laboratory (120:202) (1)
- Foundations of Biology 2: Ecology & Evolution (BIOL 205) (3)
- Foundations of Biology 2 Laboratory (BIOL 206) (1)
- Comparative Vertebrate Anatomy (120:285) (4)
- Mammalian Physiology (120:340 or NJIT BIOL 340) (4)
- Genetics (120:352) (3)
- General Chemistry (160:115,116) (4,4)
- General Chemistry Lab (160:113,114) (1,1)
- Organic Chemistry (160:335-336) (4,4)
- Organic Chemistry Lab (160:331) (2)
- General Physics (750:203,204) (4,4)
- Introductory Physics Lab (750:205,206) (1,1)
- Pre-calculus (640:114) (3) or Calculus I (640:135) (4)
- Probability and Statistics (640:211 or NJIT MATH 105) (3)

In addition, MIS majors must complete the Writing Intensive requirement and all “General Education” requirements before transferring to UMDNJ.

For more information about the Medical Imaging Sciences program, contact:

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