The College of Health Sciences will be the center for both clinically-related and biomedical research-based innovative, flexible programs and experiences to meet both present and future needs of the health care system. These experiences will prepare students to serve humanity as practitioners, scientists, and leaders through their contribution to, and the provision of, high quality patient care, health care service, and/or applied, translational biomedical research.

Programs

Biomedical Sciences

The BS program in Biomedical Sciences is a multidisciplinary program designed to prepare students for advanced study in medical, dental, or graduate schools in healthcare or biomedical research. In tracking through a flexible curricular structure, students have access to a scientific professionals and educational experiences. Built upon a foundation in liberal arts and the basic sciences, courses and concentration options within the program are designed to provide a knowledge base and the technical skills required to pursue their chosen careers. Program concentrations include: Exercise Science, Forensic Science, Genetics, Pathology, Premedical Studies, and Neuroscience.

Clinical Chemistry

The program is designed to provide a focused educational experience for individuals preparing for careers in clinical chemistry. Its curriculum provides technical and managerial proficiencies in either the diagnostic laboratory or a related industry.

Diagnostic Medical Sonography (Ultrasound)

The program, built on a strong science education, practical experience, and liberal arts education foundations, prepares students for a career in General Ultrasound which includes Abdominal and Small Parts, Obstetrics and Gynecology, and an extensive introduction to vascular technology. The program provides students with an extensive “hands-on” experience in the state-of-the-art on-campus Ultrasound Scanning Suite and the off-campus clinical internship.

Physician Assistant

The Rochester Institute of Technology Physician Assistant Program, built on a foundation of liberal arts and sciences, will prepare students to provide compassionate, high quality patient and health care services. Fundamental to the Program, is a commitment to develop within our students and faculty, the values and skills necessary for the pursuit of life-long learning and dedication to community service. The PA Program, currently culminating with a Bachelor of Science (B.S.) degree, is transitioning to a graduate (BS/MS) program. The (BS/MS) program will begin with an entering first year class in fall 2011. The five-year BS/MS degree program will slowly transition in over a period of several years.

Nutrition Management

The BS program in Nutrition Management prepares students for diverse career paths such as private practice; community nutrition and public health; wellness, sports and fitness programs; education; clinical dietetics; food management; research; communication; sales, marketing, and product development for food companies, restaurant consulting, etc. RIT’s accredited program prepares students to meet the requirements to become a Registered Dietitian (RD).

Health Systems Administration

Graduate Study:
- MS in Health Systems Administration with specialization
- MS in Health Systems Administration, Executive Leader Adv. Certificate in Health Systems Finance
- Adv. Certificate in Elements of Health Care Leadership
Undergraduate Study:
- Certificate in Health Systems Administration

Medical Illustration, MFA

Students combine drawing, science, and digital media with their research and ingenuity to visually support allied health and medical education. In addition to creating teaching materials, students create assignments intended for the medical legal, advertising, and editorial markets.

Programs (continued)

Biomedical Sciences

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Diagnostic Medical Sonography (Ultrasound)

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Physician Assistant

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Premedical Studies Office

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Clinical Chemistry

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Health Systems Administration

Professor Linda Underhill
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Nutrition Management

Professor Elizabeth Kmiecinski, Co-Chair
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Medical Illustration, MFA

Professors Jim Perkins & Glen Hintz
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