WHAT IS IMAGING SCIENCE?
Imaging Science is CUTTING EDGE

Imaging Scientists are responsible for designing, developing, building, evaluating, testing, characterizing, and applying high tech imaging systems.

COMPANIES THAT HIRE IMAGING SCIENTISTS INCLUDE

FROM THE COSMIC TO THE MICROSCOPIC, IMAGING SCIENCE IS EVERYWHERE.

Imaging Science excels at PREPARATION

APPLICATION-BASED CURRICULUM prepares students for entering the science and engineering work force and/or top notch graduate schools

DEDICATED, ACCESSIBLE FACULTY active in research and consulting bring real-world issues to the classroom and challenge students to evaluate current scientific developments

RESEARCH OPPORTUNITIES where students design their own project, carry out all of the experiments, and analyze and interpret the results under the guidance of a faculty research advisor

INTERNSHIPS AND CO-OP EDUCATION (optional) alternate periods of paid, professional work in Imaging Science careers with periods of on-campus study

Imaging Science exhibits FLEXIBILITY

Students undertake a laboratory intensive program that incorporates elements of PHYSICS, MATHEMATICS, ENGINEERING, and COMPUTER SCIENCE en route to a degree with a wide variety of exciting career options.

The multidisciplinary nature of Imaging Science allows students the freedom not to commit to only one specific path.

• Students may choose to focus in areas such as astronomy, optics, environmental systems, remote sensing, medical imaging, and more

• Both curriculum and timing are very flexible

• Students entering with college credits have the ability to graduate early

• BS + MS/PhD options are available

Imaging Science features COMMUNITY

STUDENT-CENTERED ENVIRONMENT

Features of a large university...
First-rate research
Distinctive culture and identity
Extensive extracurricular activities

...Benefits of a small college
Intimate, interactive classes
Personal attention from professors
Staff members who know you

COLLABORATION AND TEAMWORK

• Emphasis on project-based learning, teamwork, and interaction among students, often from other science and engineering disciplines

• Encourage creativity and confidence in critical thinking, problem solving, and communication

INTERDISCIPLINARY CONTENT

MULTIDISCIPLINARY APPLICATIONS

GET THE FULL SCOOP
www.cis.rit.edu/infobook
FAST FACTS

Only BS program in Imaging Science in the United States

Integrates math, physics, computer science, and engineering concepts

Job Placement Rate ~99% for Imaging Science BS graduates, starting salaries ~$70k’s

Numerous exclusive and nationwide merit- and need-based scholarships available

Average class size ~12 students

Over 40 actively engaged faculty and research staff

Co-ops not required; research opportunities are plentiful

First program at RIT to offer the pioneering Innovative Freshmen Experience year-long project course

Learn more and apply online via www.cis.rit.edu/tellmemore
What began with participation in the inaugural Freshman Imaging Project, grew to paid summer research after his first year, matured into a co-op with UTC Aerospace System’s Intelligence, Surveillance and Reconnaissance Systems group, and has so far culminated with being named a recipient of a Greater Research Opportunities undergraduate fellowship - all by his third year at RIT.

Sponsored by the EPA, this award supports environmental education and research for undergraduates. As a recipient, Dickey has been awarded $48,900 over two years, is funded to attend two scientific conferences of his choosing, and will participate in a 12-week paid summer internship at an EPA research facility. Dickey, whose scientific interests focus on environmental applications of remote sensing, cites the imaging science faculty as being instrumental in his success: “There is an excellent student to teacher ratio,” he says. “I suggest that all students take advantage of the program and the opportunity to learn multiple disciplines.”
The Chester F. Carlson Center for Imaging Science at RIT is a highly interdisciplinary University Research and Education Center, dedicated to pushing the frontiers of imaging in all its forms and uses. Through education leading to BS, MS, and PhD degrees in Imaging Science, we produce the next generation of educators and researchers who develop and deploy imaging systems to answer fundamental scientific questions, monitor and protect our environment, help keep our nation secure, and aid medical researchers in their quest to conquer disease.

www.cis.rit.edu

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