

# MEDICAL ILLUSTRATION

<http://cias.rit.edu>

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## PROGRAM OVERVIEW FOR EMPLOYERS

Medical illustrators design visual support for communications and instruction in medicine and allied health sciences. Building on a foundation of drawing and design, students translate anatomical and surgical sketches into instructional illustrations, advertisements, courtroom exhibits, computer graphics, and other contemporary components of the profession. The program combines a strong background in the visual arts with the study of science, including human gross anatomy.

### Degree(s) Awarded

Bachelor of Fine Arts; Master of Fine Arts

### Enrollment

Approximately 50 undergraduate students enrolled; approximately 6 masters students enrolled.

### Experiential Education Component

Optional, 2 blocks. Students are available summer quarter.

### Salary Information (Avg/Range)

Co-op: Insufficient Data

BFA: \$44,816                      \$36,000 - \$55,000

According to the Association of Medical Illustrator's Salary Survey

### Equipment & Facilities

Several art production studios and digital labs. The computer lab facilities offer the latest equipment, software and support devices. Juniors and Seniors have access to individual studio spaces.

Comprehensive education includes viewing operating room procedures, the study of gross anatomy at the nearby University of Rochester School of Medicine and the dissection of a cadaver.

Lab sessions scheduled in operating room facilities (jointly sponsored by RIT and the University of Rochester).

### Student Skills & Capabilities

- Art and science are equally important elements of medical illustration, a specialized form of artistry that combines drawing with biomedical training.
- Students may take advantage of courses throughout the College of Imaging Arts and Sciences, studying photography, multimedia presentations, drawing and medical sciences.
- The opportunity to observe doctors at work helps student to comprehend, simplify, organize and communicate medical procedures.
- Medical illustration students gain an understanding of composition, design, and layout as well as extensive experience in technical and mechanical lettering.
- By senior year, students are able to combine original images with typography to develop multi-screen slide shows with script, music and titles and will have prepared a portfolio for prospective clients.
- Illustrator, Photoshop, Flash, ActionScript, Fireworks, Dreamweaver, Maya, 3ds Max

# Medical Illustration

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## Course Sequence BFA degree

### First Year:

Foundation Vector Imaging  
Foundation Raster Imaging  
2D Design  
3D Design  
Creative Sources  
Drawing  
Liberal arts

### Second Year:

Digital Illustration I  
General Biology  
Human Biology II, III  
Choose three of the following courses:  
Illustration  
Head, Hands, Facial Expressions  
Zoological and Botanical Illustration  
Illustration Techniques  
Figure in Motion

### Third Year:

Anatomical Figure Drawing  
Anatomic Illustration Wet Media  
Anatomic Drawing and Illustration  
Computer Application Anatomic Illustration  
Anatomic Drawing II  
Human Gross Anatomy  
Anatomic Illustration Mixed Media

### Fourth Year:

Advanced Medical Illustration  
Computer Animation for Medical Illustration  
Marketing & Business Practices  
Medical Illustration Portfolio  
Surgical Drawing & Illustration I, II  
Studio Electives  
Liberal Arts

## Employers of Medical Illustration Co-op and Graduating Students:

Advocate Health Care, AMI, Boston University, Cell Press, Certified Medical Illustrations, Computer Sciences Corporation, Custom Learning Designs, Legal ArtWorks, New England Journal of Medicine, Rodale Press, Self Magazine, The Evidence Store, University of Massachusetts, VA Medical Center (NJ), Walter Reed Hospital, Woods Hole Marine Biological Labs.

## Contact Us:

We appreciate your interest in hiring RIT co-op, graduating students or alumni. We will make every effort to make your recruiting endeavor a success. Call our office and ask to speak with Gretchen Burruto, the program coordinator who works with the Medical Illustration program. For your convenience, you can access information and services through our web site at <http://www.rit.edu/recruit>.

### Gretchen E. Burruto

#### Program Coordinator

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