

FRESHMAN ADMISSION PREPARATION & REQUIREMENTS

Most students applying to RIT choose a specific major as part of the admission process. In addition, all colleges offer undeclared options and the University Studies program is available to applicants with interests in two or more colleges. Given the variety of majors, admission requirements and entrance exam score ranges will vary from one major to another. The chart below is provided to help you select a major or option that best fits your interests and academic background.

For all bachelor's degree programs, a strong performance in a college preparatory program is expected. Generally, this includes 4 years of English, 3-4 years of mathematics, 2-3 years of science, and 3 years of social studies and/or history. **See specific math and science requirements and other recommendations below.**

			Middle 50% of Accepted Applicants for 2017	
College	Majors and Options	Specific Math and Science Requirements and Other Recommendations	SAT (EBRW+M)	ACT Composite
College of Applied Science and Technology	School of Engineering Technology <ul style="list-style-type: none"> Civil Engineering Technology Computer Engineering Technology (all options) Electrical Engineering Technology (all options) Electrical/Mechanical Engineering Technology Manufacturing Engineering Technology Mechanical Engineering Technology Undeclared Engineering Technology Option¹ Environmental Sustainability, Health and Safety Packaging Science 	<ul style="list-style-type: none"> 3 years of math required; pre-calculus recommended Chemistry or physics required; biology recommended Technology electives desirable 	1170 - 1330	26-31
	<ul style="list-style-type: none"> Hospitality and Tourism Management 	<ul style="list-style-type: none"> 3 years of math required 	1000 - 1190	21-26
Saunders College of Business	<ul style="list-style-type: none"> Accounting Finance International Business Management Management Information Systems Marketing New Media Marketing Supply Chain Management² Business Exploration Option¹ 	<ul style="list-style-type: none"> 3 years of math required; pre-calculus recommended 	1150 - 1320	25-30
Golisano College of Computing and Information Sciences	<ul style="list-style-type: none"> Computer Science Computing and Information Technologies Computing Security Game Design and Development Human-Centered Computing New Media Interactive Development Software Engineering Web and Mobile Computing Computing Exploration Option¹ 	<ul style="list-style-type: none"> 4 years of math including pre-calculus required in all programs except computing and information technologies, human-centered computing, and web and mobile computing, where 3 years of math are required and pre-calculus is recommended All programs require chemistry or physics and strongly recommend both Computing electives are recommended 	1260 - 1430	28-33
Kate Gleason College of Engineering	<ul style="list-style-type: none"> Biomedical Engineering Chemical Engineering Computer Engineering Electrical Engineering (all options) Industrial Engineering (all options) Mechanical Engineering (all options) Microelectronic Engineering Engineering Exploration Program¹ 	<ul style="list-style-type: none"> 4 years of math required; including pre-calculus or above Chemistry and physics required Biology required for biomedical engineering 	1290 - 1420	29-33
College of Science	<ul style="list-style-type: none"> Applied Mathematics Applied Statistics and Actuarial Science Biochemistry Bioinformatics Biology Biotechnology and Molecular Bioscience Chemistry Computational Mathematics Environmental Science Imaging Science Physics Science Exploration¹ 	<ul style="list-style-type: none"> 3 years of math required; pre-calculus is required for imaging science and physics and recommended for all Biology required for biological sciences and environmental sciences and recommended for science exploration. Chemistry required for biological sciences, biochemistry, chemistry and environmental science Chemistry or physics required for physics 	1210 - 1390	27-32
College of Health Sciences and Technology	<ul style="list-style-type: none"> Biomedical Sciences Diagnostic Medical Sonography (Ultrasound) Exercise Science Nutrition Management Nutritional Sciences Physician Assistant (BS/MS) 	<ul style="list-style-type: none"> 3 years of math is required. Pre-calculus is recommended for all programs except nutrition management. Biology is required for all programs. Chemistry is required for all programs except diagnostic medical sonography where it is recommended. 	1170 - 1320	26-31

Pre-Professional Studies

University Exploration Option

Students interested in pre-professional studies (pre-law, pre-med and other pre-health professions) may enroll in any major at RIT and then take advantage of the advising and student organizations associated with their respective interests. For more information, see p. 17.

The University Exploration option is coordinated by the Division of Academic Affairs for students who wish to explore majors across two or more of RIT's colleges. The option provides students one year to explore and focus their academic and career interests. Admission to this option is based on high school performance, standardized test scores, and appropriate preparation for possible academic interests. Please refer to admissions requirements in the colleges that correspond to your possible interests.

¹A one-year program for students wishing to explore alternatives before selecting a specific major within this RIT college or school.

²Pending New York state approval

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College	Majors and Options	Specific Math and Science Requirements and Other Recommendations	SAT (EBRW+M)	ACT Composite	
College of Imaging Arts and Sciences	School of Art <ul style="list-style-type: none"> Fine Arts Studio Illustration Medical Illustration Undeclared Art Option¹ School for American Crafts <ul style="list-style-type: none"> Ceramics Furniture Design Glass Metals and Jewelry Design Undeclared Crafts Option¹ 	School of Design <ul style="list-style-type: none"> 3D Digital Design Graphic Design Industrial Design Interior Design New Media Design Undeclared Design Option¹ 	<ul style="list-style-type: none"> Studio art experience and a portfolio of original artwork are required for all programs in the Schools of Art, Design, and Crafts Portfolio guidelines can be found at http://cias.rit.edu/prospective-students/portfolio-guide/ Medical illustration requires biology 	1150 - 1370	25-30
	School of Film and Animation <ul style="list-style-type: none"> Film and Animation <ul style="list-style-type: none"> – Animation Option – Production Option Motion Picture Science 		<ul style="list-style-type: none"> Motion picture science requires 3 years of math; pre-calculus and physics are recommended 	1250 - 1400	28-32
	School of Photographic Arts and Sciences <ul style="list-style-type: none"> Photographic and Imaging Arts <ul style="list-style-type: none"> – Advertising Photography Option – Fine Art Photography Option – Photojournalism Option – Visual Media Option Photographic Sciences <ul style="list-style-type: none"> – Biomedical Photographic Communications Option – Imaging and Photographic Technology Option Undeclared Photography Option¹ 		<ul style="list-style-type: none"> Biology is required for the biomedical photographic communications option of photographic sciences 	1090 - 1280	23-30
	School of Print Media <ul style="list-style-type: none"> Media Arts and Technology 		<ul style="list-style-type: none"> 3 years of math required Chemistry or physics required 	1000 - 1280	23-27
College of Liberal Arts	<ul style="list-style-type: none"> Advertising and Public Relations Applied Modern Language and Culture² Communication Criminal Justice Digital Humanities and Social Sciences Economics International and Global Studies 	<ul style="list-style-type: none"> Journalism Museum Studies Philosophy Political Science Psychology Public Policy Sociology and Anthropology Liberal Arts Exploration¹ 	<ul style="list-style-type: none"> Public policy requires 3 years of math Strong performance in English and social studies expected 	1130 - 1310	24-30
School of Individualized Study (SOIS)	<ul style="list-style-type: none"> Applied Arts and Sciences 	This degree offers students the opportunity to create individualized undergraduate programs of technical and professional study. See page 44 for additional information.			
National Technical Institute for the Deaf (NTID)	Deaf and hard-of-hearing students seeking admission to bachelor's degree programs in the other colleges of RIT should refer to the information for the appropriate college and apply for NTID support and access services during the application process. A Pre-baccalaureate Studies Option is also available for students who may need additional preparation before entering a bachelor's degree program.				
	<ul style="list-style-type: none"> American Sign Language-English Interpretation (BS) 		<ul style="list-style-type: none"> 3 years of math required 2 years of a foreign language recommended Must demonstrate beginning ASL competency 	1160 - 1350	24-29
	Associate Degree Leading to Bachelor's Degree (A + B) Programs (Deaf and Hard-of-Hearing Students ONLY) <ul style="list-style-type: none"> Accounting Technology Administrative Support Technology Applied Computer Technology Applied Liberal Arts Applied Mechanical Technology 	<ul style="list-style-type: none"> Business Career Exploration Studies¹ Civil Technology Hospitality and Service Management Laboratory Science Technology 3D Graphics Technology 	<ul style="list-style-type: none"> 2 years of math required; students interested in engineering, math, and science transfer programs should have three or more years of math 1 year of science required; students interested in engineering, math, and science programs should have two or more years of science Physics is recommended for students interested in engineering English language skills as evidenced by application materials determines associate degree options 	Most applicants to NTID submit ACT scores. NTID recommends that applicants submit the ACT score, but will consider either SAT or ACT.	18-21
Career-focused Associate Degree Programs (Deaf and Hard-of-Hearing Students ONLY) <ul style="list-style-type: none"> Accounting Technology Administrative Support Technology Applied Computer Technology Business Technology Career Exploration Studies¹ Computer Aided Drafting Technology 	<ul style="list-style-type: none"> Computer Integrated Machining Technology Design and Imaging Technology Laboratory Science Technology Mobile Application Development 3D Graphics Technology 	<ul style="list-style-type: none"> 2 years of math required 1 year of science required English language skills as evidenced by application materials determines associate degree options 	Most applicants to NTID submit ACT scores. NTID recommends that applicants submit the ACT score, but will consider either SAT or ACT.	14-17	