



GRADUATE ADMISSION REQUIREMENTS

All applicants must submit the following for their application to be complete and forwarded for departmental review. All applications and supporting materials should be submitted to Graduate Admissions by the application deadline. Applicants may apply only to one degree program per term. Multiple applications for one term are not permitted.

- Completed graduate application
- Nonrefundable \$75 application fee
- Statement of Background and Goals (see specific essay requirements for management programs)
- Resume or Curriculum Vitae
- Portfolio, if required by department (see below)
- Two letters of recommendation
- Official transcripts and evidence of degrees earned, in English, of all post-secondary education
- Official GRE, GRE Subject Tests, or GMAT scores reported from ETS
- Official TOEFL or IELTS scores for international applicants, if applicable.
- The ETS Personal Potential Index (PPI) is encouraged.
- Applicant's name and date of birth should be printed clearly on all documents.

PROGRAM	DEGREE(S)	REQUIREMENTS	START TERM	MAJOR CODE	DEPT. PHONE #
Aeronautical Engineering	Ph.D., M.S., M.Eng.	<ul style="list-style-type: none"> • GRE general test • TOEFL score of 250 CBT/100 iBT/600 PBT (IELTS 7.0) 		AERO	(518) 276-6432
Applied Mathematics	M.S.	<ul style="list-style-type: none"> • GRE general test • GRE subject test is encouraged • TOEFL score of 250 CBT/100 iBT/600 PBT (IELTS 7.0) 		APMA	(518) 276-6414
Applied Science	M.S.	<ul style="list-style-type: none"> • GRE general test • TOEFL score of 230 CBT/89 iBT/570 PBT (IELTS 6.5) 		ASCI	(518) 276-6905
Architectural Sciences	Ph.D., M.S.	<ul style="list-style-type: none"> • GRE general test • TOEFL score of 230 CBT/89 iBT/570 PBT (IELTS 6.5) 		ARCS	(518) 276-3986
CONCENTRATIONS:					
Architectural Acoustics		<ul style="list-style-type: none"> • M.S.: Statement of research interests • Ph.D.: Statement of research interests 	Fall start date only		
Built Ecologies		<ul style="list-style-type: none"> • M.S.: Portfolio or appropriate qualifications and experience in architecture or related fields • Ph.D.: Portfolio of research work and interests 	Fall start date only		
Lighting		<ul style="list-style-type: none"> • M.S: Statement of research interests • Ph.D.: Statement of research interests 	Fall start date only		
Architecture	M.Arch I	<ul style="list-style-type: none"> • GRE general test • Portfolio of creative work • TOEFL score of 230 CBT/89 iBT/570 PBT (IELTS 6.5) 	Summer start date only	ARCH	(518) 276-3986

PROGRAM	DEGREE(S)	REQUIREMENTS	START TERM	MAJOR CODE	DEPT. PHONE #
Astronomy	M.S.	<ul style="list-style-type: none"> • GRE general test • TOEFL score of 250 CBT/100 iBT/600 PBT (IELTS 7.0) 		ASTR	(518) 276-6310
Biochemistry/ Biophysics	Ph.D., M.S.	<ul style="list-style-type: none"> • GRE general test • GRE subject test in biology, physics, chemistry, or biochemistry is encouraged. • TOEFL score of 230 CBT/89 iBT/570 PBT (IELTS 6.5) 		BCBP	(518) 276-2808
Biology	Ph.D., M.S.	<ul style="list-style-type: none"> • GRE general test • GRE subject test in any of the sciences is encouraged. • TOEFL score of 230 CBT/89 iBT/570 PBT (IELTS 6.5) 	Fall start date only	BIOL	(518) 276-2808
Biomedical Engineering	Ph.D., M.S.	<ul style="list-style-type: none"> • GRE general test • TOEFL score of 260 CBT/105 iBT/620 PBT (IELTS 7.5) 		BMED	(518) 276-6547
Chemical Engineering	Ph.D., M.S., M.Eng.	<ul style="list-style-type: none"> • GRE general test • TOEFL score of 230 CBT/89 iBT/570 PBT (IELTS 6.5) 		CHEG	(518) 276-6929
Chemistry	Ph.D., M.S.	<ul style="list-style-type: none"> • GRE general test • GRE subject test in biochemistry or chemistry is encouraged. • TOEFL score of 250 CBT/100 iBT/600 PBT (IELTS 7.0) 		CHEM	(518) 276-6456
Civil Engineering	Ph.D., M.S., M.Eng.	<ul style="list-style-type: none"> • GRE general test • TOEFL score of 230 CBT/89 iBT/570 PBT (IELTS 6.5) 		CIVL	(518) 276-6941
Cognitive Science	Ph.D.	<ul style="list-style-type: none"> • GRE general test • TOEFL score of 250 CBT/100 iBT/600 PBT (IELTS 7.0) 	Fall start date only	COGS	(518) 276-6473
Communication and Rhetoric	Ph.D., M.S.	<ul style="list-style-type: none"> • GRE general test • Scholarly writing sample required for Ph.D. • Indications of previous teaching experience, if applicable, are helpful. • TOEFL score of 230 CBT/89 iBT/570 PBT (IELTS 6.5) 	Fall and spring start date only, no summer	CMRT	(518) 276-6469
Computer Science	Ph.D., M.S.	<ul style="list-style-type: none"> • GRE general test • TOEFL score of 230 CBT/89 iBT/570 PBT (IELTS 6.5) 		CSCI	(518) 276-8419
Computer & Systems Engineering	Ph.D., M.S., M.Eng.	<ul style="list-style-type: none"> • GRE general test • TOEFL score of 230 CBT/89 iBT/570 PBT (IELTS 6.5) 		CSYS	(518) 276-6225
Decision Sciences & Engineering Systems	Ph.D.	<ul style="list-style-type: none"> • GRE general test • TOEFL score of 230 CBT/89 iBT/570 PBT (IELTS 6.5) 		DSES	(518) 276-6452

PROGRAM	DEGREE(S)	REQUIREMENTS	START TERM	MAJOR CODE	DEPT. PHONE #
Economics	M.S.	<ul style="list-style-type: none"> • GRE general test or GMAT • TOEFL score of 230 CBT/89 iBT/570 PBT (IELTS 6.5) 		ECON	(518) 276-6387
Ecological Economics	Ph.D.	<ul style="list-style-type: none"> • GRE general test or GMAT • Scholarly writing sample • TOEFL score of 250 CBT/100 iBT/600 PBT (IELTS 7.0) 		EECO	(518) 276-6387
Ecological Economics, Values, and Policy	M.S.	<ul style="list-style-type: none"> • GRE general test • TOEFL score of 250 CBT/100 iBT/600 PBT (IELTS 7.0) 		EEVP	(518) 276-6574
Electrical Engineering	Ph.D., M.S., M.Eng	<ul style="list-style-type: none"> • GRE general test • TOEFL score of 230 CBT/89 iBT/570 PBT (IELTS 6.5) 		ELEC	(518) 276-6225
Electronic Arts	Ph.D., MFA	<ul style="list-style-type: none"> • Artistic portfolio • Tentative Ph.D. research proposal for Ph.D. only • Scholarly writing sample (published or previous graduate thesis) for Ph.D. only 	Fall start date only	EART	(518) 276-4784
Engineering Physics	Ph.D., M.S.	<ul style="list-style-type: none"> • GRE general test • TOEFL score of 250 CBT/100 iBT/600 PBT (IELTS 7.0) 		EPHY	(518) 276-6432
Engineering Science	Ph.D.	<ul style="list-style-type: none"> • For current Rensselaer graduate students. Admission is possible after acceptance into a traditional degree program. 		ESCI	(518) 276-6620
Environmental Engineering	Ph.D., D.Eng., M.S., M.Eng	<ul style="list-style-type: none"> • GRE general test • TOEFL score of 230 CBT/89 iBT/570 PBT (IELTS 6.5) 		ENVE	(518) 276-6941
Geology	Ph.D., M.S.	<ul style="list-style-type: none"> • GRE general test • TOEFL score of 230 CBT/89 iBT/570 PBT (IELTS 6.5) 		GEOL	(518) 276-6474
Human-Computer Interaction	M.S.	<ul style="list-style-type: none"> • GRE general test • TOEFL score of 230 CBT/89 iBT/570 PBT (IELTS 6.5) 		HCIN	(518) 276-6469
Industrial & Management Engineering	M.S., M.Eng.	<ul style="list-style-type: none"> • GRE general test • If interested in a Ph.D., see Decision Sciences & Engineering Systems. • TOEFL score of 230 CBT/89 iBT/570 PBT (IELTS 6.5) 		MGTE	(518) 276-6452
Information Technology and Web Science	M.S.	<ul style="list-style-type: none"> • GRE general test or GMAT • TOEFL score of 230 CBT/89 iBT/570 PBT (IELTS 6.5) 		ITWS	(518) 276-6304
Lighting	M.S.	<ul style="list-style-type: none"> • GRE general test • Statement of research interests • TOEFL score of 230 CBT/89 iBT/570 PBT (IELTS 6.5) 	Fall start date only	LGHT	(518) 276-3986

PROGRAM	DEGREE(S)	REQUIREMENTS	START TERM	MAJOR CODE	DEPT. PHONE #
Management	MBA	<ul style="list-style-type: none"> • Full-time MBA – 12-22 months • GMAT (may accept GRE for qualified applicants) • Answers to essay questions required in lieu of Statement of Background and Goals. • Work experience preferred, but will consider qualified applicants without work experience. • TOEFL score of 250 CBT/100 iBT/600 PBT (IELTS 7.0) 	Fall start date only for full-time MBA	MGMT	(518) 276-6565
Management	M.S.	<ul style="list-style-type: none"> • GMAT (preferred) or GRE • Answers to essay questions required in lieu of Statement of Background and Goals. • Work experience preferred, but will consider qualified applicants without work experience. • TOEFL score of 250 CBT/100 iBT/600 PBT (IELTS 7.0) 		MGMT	(518) 276-6565
Financial Engineering and Risk Analytics	M.S.	<ul style="list-style-type: none"> • GMAT (preferred) or GRE • Answers to essay questions required in lieu of Statement of Background and Goals. • Work experience preferred, but will consider qualified applicants without work experience. • TOEFL score of 250 CBT/100 iBT/600 PBT (IELTS 7.0) 		FERA	(518) 276-6565
Technology Commercialization and Entrepreneurship	M.S.	<ul style="list-style-type: none"> • GMAT (preferred) or GRE • Answers to essay questions required in lieu of Statement of Background and Goals. • Work experience preferred, but will consider qualified applicants without work experience. • TOEFL score of 250 CBT/100 iBT/600 PBT (IELTS 7.0) 		TCE	(518) 276-6565
Management	Ph.D.	<ul style="list-style-type: none"> • GRE or GMAT • TOEFL score of 250 CBT/100 iBT/600 PBT (IELTS 7.0) 		MGMT	(518) 276-4800
Management	EMBA	<ul style="list-style-type: none"> • Two letters of recommendation from your immediate supervisor and an associate outside your organization • Official college transcript or GMAT or CLEP. For information about the GMAT, visit www.mba.com. • Interview with the program director • This program is designed for men and women who have significant progressive work experience in a managerial role, and who desire to reach top-level management. 		MGMT	(518) 276-6200
Materials Engineering	Ph.D., M.S., M.Eng.	<ul style="list-style-type: none"> • GRE general test • TOEFL score of 250 CBT/100 iBT/600 PBT (IELTS 7.0) 		MATL	(518) 276-6372

PROGRAM	DEGREE(S)	REQUIREMENTS	START TERM	MAJOR CODE	DEPT. PHONE #
Mathematics	Ph.D., M.S.	<ul style="list-style-type: none"> • GRE general test • GRE subject test is encouraged. • TOEFL score of 250 CBT/100 iBT/600 PBT (IELTS 7.0) 	Fall and spring start date only, no summer	MATH	(518) 276-6414
Mechanical Engineering	Ph.D., M.S., M.Eng	<ul style="list-style-type: none"> • GRE general test • TOEFL score of 250 CBT/100 iBT/600 PBT (IELTS 7.0) 		MECL	(518) 276-6432
Multidisciplinary Science	Ph.D., M.S.	<ul style="list-style-type: none"> • GRE general test • TOEFL score of 250 CBT/89 iBT/570 PBT (IELTS 6.5) 		MDSC	(518) 276-6905
Nuclear Engineering	M.S., M.Eng	<ul style="list-style-type: none"> • GRE general test • TOEFL score of 250 CBT/100 iBT/600 PBT (IELTS 7.0) 		NUCL	(518) 276-6432
Nuclear Engineering & Science	Ph.D.	<ul style="list-style-type: none"> • GRE general test • TOEFL score of 250 CBT/100 iBT/600 PBT (IELTS 7.0) 		NUCS	(518) 276-6432
Physics	Ph.D., M.S.	<ul style="list-style-type: none"> • GRE general test • GRE subject test in physics • TOEFL score of 250 CBT/100 iBT/600 PBT (IELTS 7.0) 		PHYS	(518) 276-6310
Science & Technology Studies	Ph.D., M.S.	<ul style="list-style-type: none"> • Writing sample • GRE general test • TOEFL score of 250 CBT/100 iBT/600 PBT (IELTS 7.0) 		STS	(518) 276-6413
Systems Engineering & Technology Management	M.Eng.	<ul style="list-style-type: none"> • GRE general test • If interested in a Ph.D., see Decision Sciences & Engineering Systems • TOEFL score of 230 CBT/89 iBT/570 PBT (IELTS 6.5) 		SETM	(518) 276-6452
Technical Communication	M.S.	<ul style="list-style-type: none"> • GRE general test • TOEFL score of 230 CBT/89 iBT/570 PBT (IELTS 6.5) 	Fall and spring start date only, no summer	TCOM	(518) 276-6469
Transportation Engineering	Ph.D., D.Eng., M.S., M.Eng	<ul style="list-style-type: none"> • GRE general test • TOEFL score of 230 CBT/89 iBT/570 PBT (IELTS 6.5) 		TRAN	(518) 276-6941