



## 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 processing fee
- Statement of Background and Goals (see specific essay requirements for management programs)
- Resume or Curriculum Vitae
- 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
- Portfolio, if required by department (see below)
- Official TOEFL or IELTS scores for international applicants
- The ETS Personal Potential Index (PPI) is encouraged.
- Copy of visa or passport for international students (if available)

Applicant's name and date of birth should be printed clearly on all documents.

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

<b>PROGRAM</b>	<b>DEGREE(S)</b>	<b>REQUIREMENTS</b>	<b>START TERM</b>	<b>MAJOR CODE</b>	<b>DEPT. PHONE #</b>
<b>Architecture</b>	M.Arch II	<ul style="list-style-type: none"> <li>• GRE general test</li> <li>• Portfolio of creative work</li> <li>• TOEFL score of 230 CBT/89 iBT/570 PBT (IELTS 6.5)</li> <li>• Professional B.Arch or M.Arch degree</li> </ul>	Fall start date only	ARCH	(518) 276-3986
<b>Astronomy</b>	M.S.	<ul style="list-style-type: none"> <li>• GRE general test</li> <li>• GRE subject test in physics</li> <li>• TOEFL score of 250 CBT/100 iBT/600 PBT (IELTS 7.0)</li> </ul>		ASTR	(518) 276-6310
<b>Biochemistry/ Biophysics</b>	Ph.D., M.S.	<ul style="list-style-type: none"> <li>• GRE general test</li> <li>• GRE subject test in biology, physics, chemistry, or biochemistry is encouraged.</li> <li>• TOEFL score of 230 CBT/89 iBT/570 PBT (IELTS 6.5)</li> </ul>		BCBP	(518) 276-2808
<b>Biology</b>	Ph.D., M.S.	<ul style="list-style-type: none"> <li>• GRE general test</li> <li>• GRE subject test in any of the sciences is encouraged.</li> <li>• TOEFL score of 230 CBT/89 iBT/570 PBT (IELTS 6.5)</li> </ul>	Fall start date only	BIOL	(518) 276-2808
<b>Biomedical Engineering</b>	Ph.D., M.S.	<ul style="list-style-type: none"> <li>• GRE general test</li> <li>• TOEFL score of 230 CBT/89 iBT/570 PBT (IELTS 6.5)</li> </ul>		BMED	(518) 276-6548
<b>Chemical Engineering</b>	Ph.D., M.S., M.Eng.	<ul style="list-style-type: none"> <li>• GRE general test</li> <li>• TOEFL score of 230 CBT/89 iBT/570 PBT (IELTS 6.5)</li> </ul>		CHEG	(518) 276-6929
<b>Chemistry</b>	Ph.D., M.S.	<ul style="list-style-type: none"> <li>• GRE general test</li> <li>• GRE subject test in biochemistry or chemistry is encouraged.</li> <li>• TOEFL score of 250 CBT/100 iBT/600 PBT (IELTS 7.0)</li> </ul>		CHEM	(518) 276-6456
<b>Civil Engineering</b>	Ph.D., M.S., M.Eng.	<ul style="list-style-type: none"> <li>• GRE general test</li> <li>• TOEFL score of 230 CBT/89 iBT/570 PBT (IELTS 6.5)</li> </ul>		CIVL	(518) 276-6941
<b>Cognitive Science</b>	Ph.D.	<ul style="list-style-type: none"> <li>• GRE general test</li> <li>• TOEFL score of 250 CBT/100 iBT/600 PBT (IELTS 7.0)</li> </ul>	Fall start date only	COGS	(518) 276-6473
<b>Communication and Rhetoric</b>	Ph.D., M.S.	<ul style="list-style-type: none"> <li>• GRE general test</li> <li>• Scholarly writing sample required for Ph.D.</li> <li>• Indications of previous teaching experience, if applicable, are helpful.</li> <li>• TOEFL score of 230 CBT/89 iBT/570 PBT (IELTS 6.5)</li> </ul>	Fall and spring start date only, no summer	CMRT	(518) 276-6469
<b>Computer Science</b>	Ph.D., M.S.	<ul style="list-style-type: none"> <li>• GRE general test</li> <li>• TOEFL score of 230 CBT/89 iBT/570 PBT (IELTS 6.5)</li> </ul>		CSCI	(518) 276-8419

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

<b>PROGRAM</b>	<b>DEGREE(S)</b>	<b>REQUIREMENTS</b>	<b>START TERM</b>	<b>MAJOR CODE</b>	<b>DEPT. PHONE #</b>
<b>Industrial &amp; Management Engineering</b>	M.S., M.Eng.	<ul style="list-style-type: none"> <li>• GRE general test</li> <li>• If interested in a Ph.D., see Decision Sciences &amp; Engineering Systems.</li> <li>• TOEFL score of 230 CBT/89 iBT/570 PBT (IELTS 6.5)</li> </ul>		MGTE	(518) 276-6452
<b>Information Technology</b>	M.S.	<ul style="list-style-type: none"> <li>• GRE general test or GMAT</li> <li>• IT Background Evaluation Form</li> <li>• TOEFL score of 230 CBT/89 iBT/570 PBT (IELTS 6.5)</li> </ul>		ITEC	(518) 276-6304
<b>Lighting</b>	M.S.	<ul style="list-style-type: none"> <li>• GRE general test</li> <li>• Statement of Background and Goals should include research interests</li> <li>• TOEFL score of 230 CBT/89 iBT/570 PBT (IELTS 6.5)</li> </ul>	Fall start date only	LGHT	(518) 276-3986
<b>Management</b>	MBA	<ul style="list-style-type: none"> <li>• Full-time MBA – 12-22 months</li> <li>• GMAT (preferred); GRE accepted</li> <li>• Answers to essay questions required in lieu of Statement of Background and Goals.</li> <li>• Work experience preferred, but will consider qualified applicants without work experience.</li> <li>• TOEFL score of 230 CBT/89 iBT/570 PBT (IELTS 6.5)</li> </ul>	Fall start date only for full-time MBA	MGMT	(518) 276-6565
<b>Management</b>	M.S.	<ul style="list-style-type: none"> <li>• GMAT (preferred); GRE accepted</li> <li>• Statement of Background and Goals</li> <li>• Work experience preferred, but will consider qualified applicants without work experience.</li> <li>• TOEFL score of 230 CBT/89 iBT/570 PBT (IELTS 6.5)</li> </ul>		MGMT	(518) 276-6565
<b>Financial Engineering and Risk Analytics</b>	M.S.	<ul style="list-style-type: none"> <li>• GMAT (preferred); GRE accepted</li> <li>• Statement of Background and Goals</li> <li>• Work experience preferred, but will consider qualified applicants without work experience.</li> <li>• TOEFL score of 230 CBT/89 iBT/570 PBT (IELTS 6.5)</li> </ul>		FERA	(518) 276-6565
<b>Technology Commercialization and Entrepreneurship</b>	M.S.	<ul style="list-style-type: none"> <li>• GMAT (preferred); GRE accepted</li> <li>• Answers to essay questions required in lieu of Statement of Background and Goals.</li> <li>• Work experience preferred, but will consider qualified applicants without work experience.</li> <li>• TOEFL score of 230 CBT/89 iBT/570 PBT (IELTS 6.5)</li> </ul>		TCE	(518) 276-6565
<b>Management</b>	Ph.D.	<ul style="list-style-type: none"> <li>• GRE or GMAT</li> <li>• TOEFL score of 250 CBT/100 iBT/600 PBT (IELTS 7.0)</li> </ul>		MGMT	(518) 276-4800
<b>Materials Engineering</b>	Ph.D., M.S., M.Eng.	<ul style="list-style-type: none"> <li>• GRE general test</li> <li>• TOEFL score of 250 CBT/100 iBT/600 PBT (IELTS 7.0)</li> </ul>		MATL	(518) 276-6372

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