

This graduate program is for applicants with prior foundation in computer science and mathematics. Applicants must demonstrate significant proficiency in computer science and math by showing competency in the areas described below. This is done by having a similar course on a transcript. The requirements can also be satisfied with non-academic training/experience.

Degrees Related to Computer Science	Degrees NOT Related to Computer Science
Computer Science or Computer Science & Engineering Computer Applications Electronics & Communication Engineering Information Technology	Computers (BCom) Engineering Degrees (EEE, EIE, Civil, ME, etc.) All Other Degree Programs

**If you do not have a degree related to Computer Science, please complete the form below.** If you satisfied the requirement with coursework, please list the course and semester. If you satisfied the requirement with non-academic training/experience, list the specific training or experience. Attached a separate sheet if necessary.

Requirement	Requirement Met?	If yes, how did you meet this requirement?
<b>Computer Science:</b>		
Programming skills in C or C++ and Java	<input type="checkbox"/> Yes <input type="checkbox"/> No	
Proficiency with Object-Oriented concepts and terminology	<input type="checkbox"/> Yes <input type="checkbox"/> No	
Proficiency with basic dynamic data structures	<input type="checkbox"/> Yes <input type="checkbox"/> No	
Proficiency with computer organization, architecture, or assembly level programming	<input type="checkbox"/> Yes <input type="checkbox"/> No	
Proficiency with design and time/space analysis of algorithms	<input type="checkbox"/> Yes <input type="checkbox"/> No	
Familiarity with Unix/Linux/OSX and with command-line processing, file system and permissions, shell and script programming	<input type="checkbox"/> Yes <input type="checkbox"/> No	
<b>Mathematics:</b>		
One semester of calculus	<input type="checkbox"/> Yes <input type="checkbox"/> No	
A course in discrete mathematics	<input type="checkbox"/> Yes <input type="checkbox"/> No	
An elementary course in probability or statistics	<input type="checkbox"/> Yes <input type="checkbox"/> No	

An applicant missing or not properly demonstrating a few of the above requirements may be admitted on a restricted status if there is strong supportive evidence in other areas. Such restricted students would have to take the suggested courses for the missing requirements or otherwise demonstrate proficiency.