<u>Admission Requirements</u>

To be eligible for admission, a student must have a Bachelor of Science degree with a minimum GPA of 3.0 on a 4.0 scale and have completed the following undergraduate coursework:

- Calculus I and II (equivalent to the NJIT courses Math 111 and Math 112)
    - Derivatives, integrals, applications
    - Business calculus may suffice and will be considered on a case by case basis
- Introduction to Programming (equivalent to the NJIT CS 113 course)
    - Basic programming constructs, writing and debugging programs, iteration, recursion, arrays, lists
- Data Structures and Algorithms (equivalent to the NJIT CS 114 course)
    - Basic data structures (lists, arrays, hash tables), search and sort, algorithm analysis
- Probability and Statistics (equivalent to the NJIT Math 333 course)
    - Random variables, probability distributions, sample mean and variance
    - Basic probability or statistics course separately will also suffice
- Linear Algebra (equivalent to the NJIT Math 337 course)
    - Vector spaces, dot products, Euclidean norm, matrices

Students who do not meet all of the above requirements but hold a BS or BA a degree in a technical scientific subject will be evaluated on a case-by-case basis and may be admitted to the program conditionally; the condition will be for them to take the undergraduate courses they are lacking (see list above).