MINIMUM APPLICANT REQUIREMENTS

A. Baccalaureate Degree in Natural or Physical Sciences (Certain programs consider those with degrees in engineering or psychology.)

B. Undergraduate Courses in Mathematics and the Sciences Including:
   1. One semester each of Differential & Integral Calculus (Real Analysis).
   2. General Chemistry (Two Semesters).
   3. Organic Chemistry (Two semesters).
   4. Physics (Two semesters)
   5. Basic Core Sequence of Courses in Biology.

C. Program Specific Requirements:
   1. Biochemistry and Computational & Molecular Biophysics give preference to applicants that have completed one semester of physical chemistry or an equivalent course.
   2. Human and Statistical Genetics seek applicants with good backgrounds in both biology and mathematics/statistics, with more extensive background in (at least) one of the two areas.
   3. Computational & Systems Biology seeks applicants with Calculus I & II, Probability, Matrix Algebra and at least one computer programming course, and ideally some research experience which includes some programming.

D. GRE Scores (80th Percentile):
   1. General Scores - REQUIRED - taken within 5 years of application date.
   2. Subject Test – Not Required

E. Test of English as a Foreign Language (100 Internet, 250 Computer or 600 Paper
   1. Taken within 2 years of application date.
   2. Waived for applicants earning Bachelors or Masters Degree from English-instruction institution.

F. Evidence of Potential as an Independent Research Scientist:
   Undergraduate or Summer Research Experience

G. Other factor(s) to consider:
   Deficiencies difficult to remediate while in our program.