Typical Undergraduate Preparation

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<th>Subject</th>
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| **Physics** | 3 Semesters Introductory Physics  
1 Semester Advanced Classical Mechanics  
1 Semester Quantum Mechanics  
1 Semester Statistical Mechanics  
2 Semesters Advanced Electricity and Magnetism  
2 Semesters Advanced Laboratory Course/Project Work  
1 Semester Advanced Course in modern Physics such as Condensed Matter, Geophysics, Atomic, Nuclear, or Particle Physics |
| **Math**     | 3 Semesters Calculus  
1 Semester Linear Algebra  
1 Semester Differential Equations |
| **Computing**| General Knowledge |
| **Placement Tests** | General GRE Required  
Physics GRE Required  
TOEFL Required for international applicants from non-English speaking countries. This requirement is waived for students who have studied in the United States for one full year at the time of application. |