Required Courses for Non-Engineering Applicants

SBES admission normally requires a B.S. degree in engineering from a recognized university; however, consideration will be given to exceptional physical and life science students, particularly to those with a strong background in mathematics and some engineering basics. To be eligible for acceptance, students should have taken at least the following courses or equivalents:

**Required: (with a grade of B or better)**

- 3 semester of Calculus one of which should be multi-variable calculus
- 1 semester of Differential Equations
- 2 semesters of calculus-based Physics
- 1 semester of Chemistry with lab

**Preferred:**

- 1 or more engineering courses, as appropriate to area of interest
- Biology with lab
- Computer programming