

GRE and Substitution

The primary purpose of GRE is to measure **creative and logical thinking capability** rather than language proficiency. International applicants must show English proficiency by passing TOEFL (> 79), IELTS (> 6.5), or Duolingo (> 115). Also, all applicants need to demonstrate sufficient capability for graduate study by meeting at least one of the following five criteria:

- **Criterion 1:** GRE (no passing score)
- **Criterion 2:** For five gateway courses, each of which is a prerequisite of more than two courses, the GPA > 3.0. The gateway courses are selected by faculty reviewers for the study area
- **Criterion 3:** For five gateway courses, each of which is a prerequisite of two or more courses, the GPA \geq 2.0 and one published paper (first three author) on a journal with an impact factor IF \geq 1.0. The gateway courses are selected by faculty reviewers for the study area
- **Criterion 4:** Two published papers (first three author) on journals with an IF \geq 1.5
- **Criterion 5:** B.S degree from an ABET program with overall GPA > 2.5