

# APPLIED STATISTICS, CERTIFICATE

---

The Post-Baccalaureate Certificate in Applied Statistics (PBACC) is designed to provide engineers and scientists with the modern data analytic tools needed for effective practice as a specialist in statistical methods.

Admission to the PBACC program typically requires a GRE score (verbal plus quantitative) of 300 or more and one upper-division or graduate statistics course with a B or better. Students currently enrolled in other graduate degree programs at USC are automatically eligible to pursue the certificate (with permission of their home department for concurrent enrollment) as long as they have taken the prerequisite calculus course.

## Learning Outcomes

1. The PBACC recipient will be able to apply appropriate methods of statistical inference, including their implementation in standard statistical software and the communication of the results.
2. The PBACC recipient will be able to appropriately apply and interpret general linear models, including their implementation in standard statistical software.