

Spring 2026

Registration Opens: November 10, 2025

Course Preview Week: January 20 - January 26, 2026

Semester Dates: January 27 - May 08, 2026

ABT 720 Experimental Design and Analysis in Biotechnology* **3 Credits**

Principles of descriptive and inferential statistics with applications in biotechnology including experimental design, quantitative data analysis, and bioinformatic evaluation of complex molecular and biological data sets.

[ABT 720 course syllabus](#)

ABT 780 Bioinformatic Inquiry **3 Credits**

Develop competencies that promote efficient analysis of biological data. Learn how to match a research problem with the most effective tools for its completion, balancing the use of existing software and de novo software development.

Advanced aspects of Python and R, algorithmics, machine learning, simulations, and effective communication of results are emphasized.

Prerequisites: ABT 720, ABT 730

[ABT 780 course syllabus](#)