WISCONSIN ONLINE COLLABORATIVES

Spring 2026

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