

APPLIED BIOINFORMATICS, CAPSTONE CERTIFICATE

Admissions to the Applied Bioinformatics Capstone Certificate have been suspended as of summer 2025 and will be discontinued as of fall 2027. If you have questions, please contact the program (<https://ms-biotech.wisc.edu/contact-us/>).

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If you have any questions please contact the program or Universities of Wisconsin Online Collaboratives (<https://uwex.wisconsin.edu/applied-biotechnology/#overview>).

REQUIREMENTS

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REQUIRED COURSES

Completion of 12 credits is required for the certificate. A description of the requirements is provided below.

Code	Title	Credits
Core		
ABT 720	Experimental Design and Analysis in Biotechnology	3
ABT 730	Python for Bioinformatics	3
ABT 780	Bioinformatic Inquiry	3
ABT 785	Application of Bioinformatics	3
Total Credits		12

MINIMUM REQUIREMENTS FOR CAPSTONE CERTIFICATE COMPLETION

- Students must earn a minimum grade of C in each course used to meet Capstone Certificate requirements.
- Courses in which a student elects the pass/fail or audit option will not count toward completion of Capstone Certificate requirements.
- All of the Capstone Certificate credits must be earned "in residence" (which includes on campus and distance-delivered courses) at UW-Madison.

- All of the Capstone Certificate credits must be earned while enrolled in the Capstone Certificate program.

Individual Capstone Certificate programs may have additional requirements for completion, which will be listed above as/if applicable.

LEARNING OUTCOMES

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1. Demonstrate professional and scientific communication appropriate for biotechnology settings
2. Evaluate diverse analytical methods and technologies and their applications in bioinformatics
3. Demonstrate comprehensive understanding of organizational processes and product development pipelines and the data generated throughout