

APPLIED BIOINFORMATICS, GRADUATE/ PROFESSIONAL CERTIFICATE

Admissions to the Applied Bioinformatics, Graduate/Professional 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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FUNDING

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Students enrolled in the Graduate/Professional Certificate in Applied Bioinformatics as part of their MS in Applied Biotechnology Program are eligible for federal financial aid.

Students enrolled in the Graduate/Professional Certificate in Applied Bioinformatics program are not permitted to accept any research, project, or teaching assistantship positions that would waive tuition or provide tuition remission.

Students are encouraged to contact the Office of Student Financial Aid (<https://financialaid.wisc.edu/>) to discuss federal loan programs and other lending opportunities. Students should also reach out to their companies to ask about continuing education and professional development support.

REQUIREMENTS

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Minimum Residence Credits: 12

All of the graduate/professional certificate credits must be earned "in residence" (which includes distance-delivered courses) at UW-Madison.

GRADE REQUIREMENTS

- Students must earn a B (minimum GPA of 3.00) or above on all graduate/professional certificate coursework.
- Courses in which a student elects the pass/fail option will not count toward completion of requirements.

REQUIRED COURSES

Code	Title	Credits
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

POLICIES

GRADUATE SCHOOL POLICIES

The Graduate School's Academic Policies and Procedures (<https://grad.wisc.edu/acadpolicy/>) serve as the official document of record for Graduate School academic and administrative policies and procedures and are updated continuously. Note some policies redirect to entries in the official UW-Madison Policy Library (<https://policy.wisc.edu/>). Programs may set more stringent policies than the Graduate School. Policies set by the academic degree program can be found below.

PROFESSIONAL DEVELOPMENT

PROFESSIONAL DEVELOPMENT GRADUATE SCHOOL RESOURCES

Take advantage of the Graduate School's professional development resources (<https://grad.wisc.edu/pd/>) to build skills, thrive academically, and launch your career.

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