APPLIED BIOTECHNOLOGY, MS

REQUIREMENTS

MINIMUM GRADUATE SCHOOL REQUIREMENTS

Review the Graduate School minimum degree requirements (https://guide.wisc.edu/graduate/#requirementstext) and policies (https://guide.wisc.edu/graduate/#policiestext), in addition to the program requirements listed below.

MAJOR REQUIREMENTS
MODE OF INSTRUCTION

Face to Face	Evening/ Weekend	Online	Hybrid	Accelerated
No	No	Yes	No	No

Mode of Instruction Definitions

Accelerated: Accelerated programs are offered at a fast pace that condenses the time to completion. Students typically take enough credits aimed at completing the program in a year or two.

Evening/Weekend: Courses meet on the UW–Madison campus only in evenings and/or on weekends to accommodate typical business schedules. Students have the advantages of face-to-face courses with the flexibility to keep work and other life commitments.

Face-to-Face: Courses typically meet during weekdays on the UW-Madison Campus.

Hybrid: These programs combine face-to-face and online learning formats. Contact the program for more specific information.

Online: These programs are offered 100% online. Some programs may require an on-campus orientation or residency experience, but the courses will be facilitated in an online format.

CURRICULAR REQUIREMENTS

Requirement	Detail
Minimum Credit Requirement	31 credits
Minimum Residence Credit	31 credits
Minimum Graduate Coursework Requirement	16 credits must be graduate-level coursework. Refer to the Graduate School: Minimum Graduate Coursework (50%) Requirement policy: https://policy.wisc.edu/library/UW-1244 (https://policy.wisc.edu/library/UW-1244/).
Overall Graduate GPA Requirement	3.00 GPA required. Refer to the Graduate School: Grade Point Average (GPA) Requirement policy: https://policy.wisc.edu/library/UW-1203 (https://policy.wisc.edu/library/UW-1203/).

Other Grade Requirements	n/a
Assessments and Examinations	n/a
Language Requirements	n/a

REQUIRED COURSES

Code	Title	Credits
The following core courses are required:		
ABT 700	Principles of Biotechnology	3
ABT 705	Ethics, Safety, and Regulatory Environments in Biotechnology	3
ABT 710	Professional and Technical Communication in Biotechnology	3
ABT 715	Techniques in Biotechnology	3
ABT 720	Experimental Design and Analysis in Biotechnology	3
ABT 725	Leadership in Organizations	3
ABT 789	Pre-Capstone	1
ABT 790	Capstone	3
Select a minimum of three classes from one or more of the following elective areas:		9
Area 1: Quality Control and Validation		
ABT 735	Quality Control and Validation	
ABT 740	Regulatory Practice and Compliance	
ABT 745	Industrial Applications in Regulatory Affairs	
Area 2: Business and Management		
ABT 750	Biotechnology Marketing and Entrepreneurship	
ABT 755	Global Operations and Supply Chain Management	
ABT 760	Quality and Project Management	
Area 3: Research and Development		
ABT 765	Assessing Innovation in Biotechnology	
ABT 770	Product Development	
ABT 775	Tools for Data Analysis	
Total Credits		**31**

Students in this program may not take courses outside the prescribed curriculum without faculty advisor and program director approval. Students in this program cannot enroll concurrently in other undergraduate or graduate degree programs.