Requirements

Minimum Graduate School Requirements
Review the Graduate School minimum academic progress and degree requirements (http://guide.wisc.edu/graduate/#policiesandrequirementstext), in addition to the program requirements listed below.

Major Requirements

Mode of Instruction

<table>
<thead>
<tr>
<th>Mode</th>
<th>Face to Face</th>
<th>Evening/Weekend</th>
<th>Online</th>
<th>Hybrid</th>
<th>Accelerated</th>
</tr>
</thead>
<tbody>
<tr>
<td>No</td>
<td>No</td>
<td>Yes</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
</tbody>
</table>

**Accelerated**: Accelerated programs are offered at a fast pace that condenses the time to completion. Students are able to complete a program with minimal disruptions to careers and other commitments.

**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

Requirements Detail

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Detail</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum Credit Requirement</td>
<td>31 credits</td>
</tr>
<tr>
<td>Minimum Residence Credit</td>
<td>31 credits</td>
</tr>
<tr>
<td>Minimum Graduate Coursework</td>
<td>At least 50% of credits applied toward the graduate degree credit requirement must be completed in graduate-level coursework; courses with the Graduate Level Coursework attribute are identified and searchable in the university’s Course Guide (<a href="http://registrar.wisc.edu/course-guide/">http://registrar.wisc.edu/course-guide/</a>).</td>
</tr>
<tr>
<td>Overall Graduate GPA Requirement</td>
<td>3.00 GPA required</td>
</tr>
</tbody>
</table>

Other Grade and Examinations

The Graduate School requires an average grade of B or better in all coursework (300 or above, not including research credits) taken as a graduate student unless conditions for probationary status require higher grades. Grades of Incomplete are considered to be unsatisfactory if they are not removed during the next enrolled semester.

Assessments: n/a

Language: n/a

Course Requirements

Code | Title                                        | Credits |
-----|----------------------------------------------|---------|
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 (9 credits) from one or more of the following elective areas:

**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