The Capstone course will synthesize and apply information from the Master of Science in Applied Biotechnology curriculum. Students work with a partner site to identify and design a research project in alignment with their specialty track in the areas of research and development, quality assurance and compliance, or business management. They will conduct their research by collecting and analyzing their data under the guidance of the site supervisor. Students will have a meaningful presence at their partner site or have regular meetings online, engaging with stakeholders and building relationships to address their driving question successfully. A time estimate is approximately 100 hours over the course of the semester (7 hours per week).

**MS-ABT CAPSTONE PROJECT OVERVIEW**

1. Secure a site partner
2. Collaborate with a site supervisor, obtain necessary documentation
3. Identify project needs, define the problem & craft a driving question
4. Explore research on subject area, finalize project design
5. Write project proposal including literature review
6. Give oral presentation to capstone partner (supervisor & stakeholders) and peer reviewers
7. Submit video recording, PowerPoint, script, & project proposal
8. Spend time at partner site or meet online, collaborating with site supervisor
9. Assess driving question according to project design
10. Analyze data, draw conclusions as they relate to driving question
11. Summarize findings, identify project limitations & areas for future research
12. Submit full capstone report, executive summary/abstract, & reflection of experience