

Syllabus for ABT 745

Industrial Applications in Regulatory Affairs

NOTE: This syllabus document contains the basic information of this course. The most current syllabus is available in the full course.

Course Description

Examines regulatory environments in risk-based assessment of biotechnological developments in industry, agriculture, and probiotics, ensuring consumer and environmental protection. Addresses how validation is essential to the incorporation of emerging technologies into viable, accessible, and successful products. Highlights the stakeholders' role in regulatory oversight and policy through relevant industry case studies.

Prerequisite(s)

ABT 700, ABT 705, and ABT 710

Course Outcomes

Upon completing this course, you will be able to do the following:

- Describe the foundations and history of industrial, agricultural, and probiotic biotechnology
- Identify and discuss historical and current participants, both national and global, in the development of agricultural biotechnology traits, probiotics, and industrial biotechnology products
- Explain the national and global regulatory process and compliance issues for probiotic and industrial biotechnology products
- Describe key aspects involved in development of an agricultural regulatory product development plan
- Identify and describe emerging technologies and companies that may impact future regulations

Course Requirements/Components

- Discussions
- Individual Written Assignments
- Individual Video Assignments
- Group Written or Video Assignments

Grading

The following grading scale will be used to evaluate all course requirements and to determine your final grade:

Grade	Percentage Range
A	94% - 100%
A-	91% - 93%
B+	87% - 90%
B	81% - 86%
B-	78% - 80%
C+	75% - 77%
C	70% - 74%
C-	66% - 69%
F	0 - 65%

Assignment	Points
Discussions: 6	600
Individual Written Assignments: 12	1200
Individual Video Assignments: 2	200
Group Written or Video Assignment	100
Total Points	2100