

Regulatory Science in Agriculture (Certificate)

Regulatory Science is a field critical to the advancement of responsible technologies for agriculture from concept, through research and development, to commercialization, and throughout a technology's life. The Graduate Certificate in Regulatory Science in Agriculture is an interdisciplinary certificate bringing together science and policy. Students will learn the science, techniques and policies underpinning agriculture regulation as well as risk management, compliance, data assessment, and regulatory communications.

More Information

Program Website (<https://cals.ncsu.edu/psi/ag-regulatory-science-certificates/>)

Distance Website (<https://online-distance.ncsu.edu/program/regulatory-science-in-agriculture/#:~:text=The%20Graduate%20Certificate%20in%20Regulatory,deployment%2C%20from%20start%20to%20finish>)

Eligibility

- Must have completed a BS degree in the sciences or engineering, including agriculture, biology, food, genetics, and life sciences from a regionally accredited university or a degree in public affairs or political science related major;
- must have at the time of application a 3.0 grade point average in their BS degree;

Applicant Information

- **Delivery Method:** On-Campus, Online, Hybrid
- **Entrance Exam:** None
- **Interview Required:** None

Application Deadlines

- **Fall:** August 14
- **Spring:** January 2

Plan Requirements

Code	Title	Hours
Core Courses		6
CS 518	Introduction to Regulatory Science in Agriculture	
CS 528	Advanced Regulatory Science in Agriculture	
Elective Courses ¹		6
BCH 552	Experimental Biochemistry	
BCH 553	Biochemistry of Gene Expression	
BCH 555	Proteins and Molecular Mechanisms	
BIO/BIT 572	Proteomics	
CH 563	Molecular Origins of Life	
CH 711	Advanced Analytical Chemistry I	
CH 721	Advanced Organic Chemistry I	
CH 723	Advanced Organic Chemistry II	
CS 725	Pesticide Chemistry	
CS 727	Pesticide Behavior and Fate In the Environment	

COM 508	Emerging Technologies and Society
COM 538	Risk Communication
EA 501	Environmental Stressors
EA 502	Environmental Risk Assessment
EA 503	Environmental Exposure Assessment
EA 504	Environmental Monitoring and Analysis
EA 505	Environmental Assessment Law & Policy
PA 507	The Public Policy Process
PA 511	Public Policy Analysis
PA 550	Environmental Policy
PA 552	Science and Technology Policy
PA 763	Public Policy Process
PS 531	International Law
SSC 562	Environmental Applications Of Soil Science
SSC 720	Soil and Plant Analysis
TOX 501	Principles of Toxicology
TOX 620	Special Problems
Total Hours	12

¹ The six credits of electives must come from two distinct disciplines.