

Distance Education Graduate Certificate

The online Regulatory Science in Food Systems graduate program at Texas A&M University prepares working professionals to meet the challenges of a global food system.

Real-World Knowledge & Skills Delivered Anytime, Anyplace

- Apply a science-based approach to risk management and be part of a risk management team;
- Interpret and implement laws, regulations, and standards that govern the development, manufacturing and distribution of food and drugs;
- Understand the role of international standards in facilitating free and fair trade ;
- Establish practical strategies for compliance and reporting;
- Develop and implement laboratory quality systems;
- Communicate the benefits of regulatory decision-making and compliance to all stakeholders; and
- Apply essential knowledge and skills to help companies navigate an increasingly complex regulatory environment.

Graduate Credit for Working Professionals

ONLINE GRADUATE CERTIFICATE

Complete 4 of the courses listed below to earn the Regulatory Science in Food Systems Graduate Certificate from Texas A&M University.

SCSC 634

**Regulatory Science:
Principles & Practices in Food Systems**

AGEC 638

**Managerial Economics
for Regulatory Science**

VTMI 629/SCSC 629

Laboratory Quality Systems

SCSC 636

**Regulatory Science Methodology
in Food Systems**

SCSC 635/AGEC 639

**Comparative Global Standards
in Food Systems**

To meet the needs of working professionals, our program is accredited by the Southern Association of Colleges and Schools and delivered entirely online. Scholarships are available for regulatory risk managers who are employed by a local, state, federal or national government agency. Call or email to learn more – we want to help you reach your academic and professional goals.

For More Information:

Prabha Vasudevan ■ (979) 845-1121 ■ prabha@otsc.tamu.edu ■ regsci.tamu.edu

Course Title	Course Description	Instructors	Offered
<u>SCSC 634</u> Regulatory Science: Principles & Practices in Food Systems	Regulatory tools, standards and practices to improve the protection and compliance of regulated food and drug products; models of risk analysis; risk and uncertainty; conducting a qualitative and quantitative risk assessment; implications of compliance.	Dr. Tim Herrman tjh@otsc.tamu.edu	Fall
<u>SCSC 635/</u> <u>AGEC 639</u> Comparative Global Standards in Food Systems	Laws, regulations and standards governing the production, distribution, processing, and marketing of food across regions of the world; international standard setting bodies and risk assessment committees; regulatory equivalency and harmonization; cost/benefits of global standards and trade agreements.	Dr. Tim Herrman tjh@otsc.tamu.edu Dr. Vicky Salin v-salin@tamu.edu	Fall
<u>SCSC 636</u> Regulatory Science Methodology in Food Systems	Risk management methodology including investigation of food and feed firms, conducting internal compliance audits; sample collection, chain-of-custody, trace-back and trace-forward, recalls, label review, data interpretation, risk ranking, resource prioritization, incident command and rapid response. Prerequisite: Regulatory Science: Principles & Practices in Food Systems	Dr. Tim Herrman tjh@otsc.tamu.edu	Spring
<u>AGEC 638</u> Managerial Economics for Regulatory Science	Economic and business frameworks within which the regulations and standards governing the production of food operate; economic theories of the firm and fundamental calculations in finance as the foundation for cost/benefit analyses of existing and proposed regulations; applications to U.S. and global regulations and standards.	Dr. Vicky Salin v-salin@tamu.edu	Spring
<u>VTMI 629/</u> <u>SCSC 629</u> Laboratory Quality Systems	Quality systems and method development used within a laboratory to assess regulated food products, pesticides, drugs and the environment; ensuring the integrity of procedures used in lab processes, chain of custody, information management, and international laboratory standards; regulatory requirements for laboratory operation; bio-security precautions; laboratory management.	Dr. Susie Dai susie@otsc.tamu.edu Dr. Tim Herrman tjh@otsc.tamu.edu	Fall & Spring

Join our community of scholars in the *International Journal of Regulatory Science*
journals.tdl.org/intlregsci

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