Course Changes
Texas A&M University
Departmental Request for a Change in Course
Undergraduate • Graduate • Professional
Submit original form and attachments.

Form Instructions
1. Course request type: □ Undergraduate ✓ Graduate □ First Professional (DMH, TFM, DPSi, TFM)
2. Request submitted by (Department or Program Name): Department of Soil and Crop Sciences
3. Course prefix, number and complete title of course: SCSC 834 Regulatory Science Principles

Attach a brief supporting statement for changes made to items 4a thru 4d and 10 below.

4. Change requested
   a. Prerequisite(s): From: ___________________________ To: ___________________________
   b. Withdrawal (reason): ___________________________
   c. Cross-list with: ___________________________

Cross-listed courses require the signature of both department heads.

   d. Change in course title and description. Enter complete current course title and current course description in item 9; enter proposed course title and proposed course description in item 10. Complete item 11a and b for a change in title.
   e. Change in course number, contact hours (lab & lecture), and semester credit hours. Complete item 11a and b. Attach a course syllabus.

5. Is this an existing core curriculum course? □ Yes ☑ No

6. If grade type is changing for existing course, indicate the new grade type: □ Grade ☑ S/U ☑ P/F (CLMD)

7. If this course will be stacked, please indicate the course number of the stacked course: ☑
   I verify that I have reviewed the FAQ for Export Control Basics for Distance Education (http://vpr.tamu.edu/resources/export-
   controls/export-control-basics-for-distance-education).

8. Complete current course title and current catalog course description:
   Regulatory Science: Principles & Practices in Food Systems. (3-0). Credit 3. Regulatory tools, standards and
   approaches in production, processing and distribution of agricultural goods; development and implementation of
   regulations; interdependence of federal and state agencies; use of risk analysis

10. Complete proposed course title and proposed catalog course description (not to exceed 50 words):
    Regulatory Science Principles (3-0). Credit 3.
    Regulatory tools, standards and practices to improve the protection and compliance of regulated systems;
    interdependence of regulatory agencies; models of risk analysis with emphasis on conducting a qualitative and
    quantitative risk assessment; and implications of compliance.

11. a. As currently in course inventory:

<table>
<thead>
<tr>
<th>Prefix</th>
<th>Course #</th>
<th>Title (excluding punctuation)</th>
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<td>Lect.</td>
<td>Lab</td>
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b. Change to:

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<tr>
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Approval recommended by:

Wayne Smith
Department Head or Program Chair (Type Name & Sign) Date
Chair, College Review Committee Date
Dean of Department (if cross-listed course) Date

Submitted to Coordinating Board by:

Associate Director, Curricular Services Date

Questions regarding this form should be directed to Sandra Williams at 845-8201 or sandra.williams@tamu.edu.
Curricular Services – 08/14
Course title and number  SCSC 634 Regulatory Science Principles  
Term (e.g., Fall 200X)  Fall 2017  
Meeting times and location  Online

Course Description and Prerequisites
Regulatory tools, standards and practices to improve the protection and compliance of regulated systems; interdependence of regulatory agencies; models of risk analysis with emphasis on conducting a qualitative and quantitative risk assessment; and implications of compliance.

Learning Outcomes
After completing this course, students will possess a practical knowledge of how to apply risk analysis to hazards in regulated products. The course is intended to equip students with the breadth of knowledge needed to participate in policy development and manage risk at a corporate and government level, as well as utilize standards to evaluate conformance based on regulatory science principles.

Key Topics
This course will address the following topics:
- Emerging Field of Regulatory Science
- Regulatory Policy
- Role of Risk Analysis in Regulatory Science
- Conducting a Risk Assessment
- Current Issues and Problems

Instructor Information
Dr. Tim Herrman, Professor
Department of Soil & Crop Sciences
Texas A&M University
State Chemist and Director Office of the Texas State Chemist  
Telephone number  979-845-1121  
Email address  tjh@otsc.tamu.edu  
Office hours  By Appointment  
Office location  Office of the Texas State Chemist, 445 Agronomy Rd, TAMU
<table>
<thead>
<tr>
<th>Week</th>
<th>Topic</th>
<th>Assignments</th>
<th>Due Date</th>
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<tbody>
<tr>
<td>1</td>
<td><strong>Unit 1 – Emerging Field of Regulatory Science</strong></td>
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<tr>
<td>Aug. 31 – Sept. 6</td>
<td>What is Regulatory Science; Origins and Rationale behind US FDC Act;</td>
<td>Self-intro. Quiz</td>
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<td>2</td>
<td>Sept. 7 - 13</td>
<td>Other US food safety agencies, laws, and regulations</td>
<td>Quiz</td>
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<tr>
<td>3</td>
<td><strong>Unit 2 – Regulatory Policy</strong></td>
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<tr>
<td>Sept. 14 - 20</td>
<td>US Food Policy</td>
<td>Discussion</td>
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<td>4</td>
<td>Sept. 21 - 27</td>
<td>Integrated Food Safety System; Globalization and Trade</td>
<td>Quiz</td>
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<td>5</td>
<td><strong>Unit 3 – Risk Analysis and Food Protection System</strong></td>
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<td>Sept. 28 - Oct. 4</td>
<td>Risk and Uncertainty; Risk Analysis – FAO/WHO Model</td>
<td>Discussion</td>
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<td>6</td>
<td>Oct. 5 - 11</td>
<td>Risk Analysis – OIE Model, NAS-NRC Model; Risk Assessment - OIE</td>
<td>Quiz</td>
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<td>7</td>
<td><strong>Unit 4 – Probability Distribution and Risk Assessment</strong></td>
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<tr>
<td>Oct. 12 - 18</td>
<td>Introduction to @ Risk; Probability Principles Review; Binomial Process</td>
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<td>8</td>
<td>Oct. 19 - 25</td>
<td>Poisson and Hyper geometric Processes; Normal Distribution, Central Limit Theorem</td>
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<td>9</td>
<td><strong>Unit 5 – Risk Assessment Modeling</strong></td>
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<tr>
<td>Oct. 26 – Nov. 1</td>
<td>Risk Assessment Modeling; Probabilistic Scenario Modeling; Introduction to Precision Tree</td>
<td>Homework</td>
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<tr>
<td>10</td>
<td>Nov. 2 – 8</td>
<td>Infectious Disease Modeling</td>
<td>Homework Class Project</td>
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<td>11</td>
<td>Nov. 9 - 15</td>
<td>Dose Response</td>
<td>Homework</td>
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<tr>
<td>12</td>
<td>Nov. 16 - 22</td>
<td>Bootstrap and Bayesian Modeling</td>
<td>Discussion</td>
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<td><strong>Unit 6 – Current Issues and Problems</strong></td>
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Americans with Disabilities Act (ADA)

The Americans with Disabilities Act (ADA) is a federal anti-discrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities. If you believe you have a disability requiring an accommodation, please contact Disability Services, currently located in the Disability Services building at the Student Services at White Creek complex on west campus or call 979-845-1637. For additional information, visit [http://disability.tamu.edu](http://disability.tamu.edu).

Academic Integrity

For additional information please visit: [http://aggiehonor.tamu.edu](http://aggiehonor.tamu.edu)

"An Aggie does not lie, cheat, or steal, or tolerate those who do."
Texas A&M University
Departmental Request for a Change in Course
Undergraduate • Graduate • Professional
• Submit original form and attachments •

Form Instructions
1. Course request type:  □ Undergraduate  ☑ Graduate  □ First Professional (EMS, ED, B, Humanities, DPA)
2. Request submitted by (Department or Program Name): Department of Educational Psychology
3. Course prefix, number and complete title of course: SPED 630: Early Literacy for Students with Diverse Instructional Needs
   Attach a brief supporting statement for changes made to items 4a thru 4d, and 10 below.

4. Change requested
   a. Prerequisite(s): From: ___________________________ To: ___________________________
   b. Withdrawal (reason): ___________________________
   c. Cross-list with: ___________________________
   d. Change in course title and description. Enter complete current course title and current course description in item 9; enter proposed course title and proposed course description in item 10. Complete item 11a and b for a change in title.
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5. Is this an existing core curriculum course? □ Yes  ☑ No

6. If grade type is changing for existing course, indicate the new grade type:  □ Grade S/U □ P/F (CLMD)

7. If this course will be stacked, please indicate the course number of the stacked course:
   ☑ I verify that I have reviewed the FAQ for Export Control Basics for Distance Education (http://vpr.tamu.edu/resources/export-controls/export-controls-basics-for-distance-education)

8. Complete current course title and current catalog course description:
   Early Literacy for Students with Diverse Instructional Needs: Theory, strategies, and techniques for consultation at the individual and system level; leadership systems, and interactions; problem solving, evaluation and use of researcher interventions, and evaluation of intervention outcomes; techniques for disseminating information

9. Complete proposed course title and proposed catalog course description:
   Reading: Research-based strategies to teach beginning reading and writing to pre-K through 4th grade students with disabilities and other diverse instructional needs; emphasis on current issues, assessment, prevention, and intervention.

10. As currently in course inventory:
    Prefix   Course #    Title (excluding punctuation)
    SPED  630    Early Lit Stud Div Instr

    Lect.  Lab  Other  SCH  CIP and Fund Code  Admin. Unit  FICE Code  Level
    3.00  0.00  0.00  3.00  1310010004  0920  0  3  6  3  2  6

    Change to:
    Prefix   Course #    Title (excluding punctuation)
    SPED  630    Reading

    Lect.  Lab  Other  SCH  CIP and Fund Code  Admin. Unit  Acad. Year  FICE Code
    3.00  0.00  0.00  3.00  1310010004  0920  17  -  18  0  3  6  3  2

    Approval recommended by:
    Victor Wilson, Ph.D.  George Cunningham, Ph.D.
    Department Head or Programs Chair  Chair, College Review Committee
   (Type Name & Sign)  (Type Name & Sign)  Date  Date

   Date  Date
   Department Head or Program Chair (Type Name & Sign)  Dean of College
   (if cross-listed course)  (Signature)
   Chair, GC or UCC  Date

   Submitted to Coordinating Board by:
   Associate Director, Curricular Services  Date  Effective Date

   Questions regarding this form should be directed to Sandra Williams at 845-8201 or sandra-williams@tamu.edu
   Curricular Services – 08/14