Seed Technology Training

Overview
Prepare for a career as a seed analyst with this training program in seed technology. The program, led by Colorado State University and supported by three other major universities (Iowa State University, Virginia Tech, and the University of Kentucky) and the Crop Science Society of America, offers a comprehensive training in seed analysis, a technical skill requiring patience, attention to detail, and a scientific understanding of seed biology.

With this training, you are prepared to complete the qualifying examinations required to work in private and commercial seed laboratories as a Registered Seed Technologist, certified by the Society of Commercial Seed Technologists (SCST), or to work in state and federal laboratories as a Certified Seed Analyst (CSA), certified by the Association of Official Seed Analysts (AOSA). Courses in this program also qualify for the National Seed Science Program Certificate for those who want to work in the seed industry.

Curriculum
• SOCR 200 – Seed Anatomy and Identification (1 cr.)
• SOCR 201 – Seed Development and Metabolism (1 cr.)
• SOCR 301 – Seed Germination and Viability (2 cr.)
• SOCR 410 – Seed Processes: Storage and Deterioration (1 cr.)
• SOCR 411 – Seed Processes: Legume Seed Production (1 cr.)
• SOCR 412 – Seed Processes: Separation and Conditioning (1 cr.)

Begin your training with these core courses from Colorado State University. Additional courses, study, and internships beyond those offered by Colorado State University are required for the National Seed Science Program Certificate.

Delivery
Online or correspondence

Tuition
$419 per credit

Time Frame
Varies based on intensity of study and course availability.

Prepares You For
Certification by the AOSA or SCST; Colorado State University does not issue certification for seed technology.

Offered By
Department of Soil and Crop Sciences

Learn More
online.colostate.edu/certificates/seed-technology

Contact our Student Success Team to get started! (970) 492-4898 online.colostate.edu/contact