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 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.

Admission to the University is not required to register for any course in the training program as long as you meet the course prerequisites.

Courses
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.

- SOCR 200 – Seed Anatomy and Identification (1 cr.)
- SOCR 201 – Seed Development and Metabolism (1 cr.)
- SOCR 300 – Seed Purity Analysis (2 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.)

Delivery
Online or correspondence

Tuition
$462 per credit
Includes Student Services

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

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

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