

STORMWATER MANAGEMENT SWRCB CONSTRUCTION CERTIFICATE OF SPECIALIZATION



A Certificate of Achievement in Stormwater Management prepares students to protect stormwater quality within surface waterbodies, habitats, groundwater, and potable water sources. The Certificate of Achievement would serve individuals seeking construction, industrial, agriculture, tribal, and municipal stormwater management and inspector roles. Due to the scarcity of surface and groundwater, protecting the water quality of reservoirs, rivers, estuaries, and other surface water bodies has become a priority within the western United States. California deployed construction and industrial general permit requirements (CGP) and (IGP) for qualified stormwater pollution and prevention plan (SWPPP) developers (QSD) and practitioners (QSP). Further, this new certificate of achievement will serve as foundational education for inspectors, consultants, regulators, and new hires maintaining the Municipal Separate Storm Sewer System (MS4) permit requirements. The program provides management courses and hands-on field experience to establish and maintain all required stormwater programs and permits. Graduates earning a Certificate of Achievement will achieve background education for becoming QSDs and QSPs.

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

1. Perform work-related functions according to current industry standards.
2. Assess and resolve work-related problems using existing industry-specific tools and resources.
3. Communicate effectively to prospective clients, managers, and coworkers in a workplace setting.
4. Abide by industry regulations regarding occupational health, safety, and/or environmental standards.

Certificate Requirements

Code	Title	Units
EHSM-115	Runoff Sampling for Construction	1
EHSM-117	Stormwater Best Management Practices for Construction	1
EHSM-220	Stormwater Runoff Management Regulatory Concepts	1
EHSM-221	Stormwater Runoff Management Technical Background	1
EHSM-223	Stormwater Runoff Management Construction Inspections	1
EHSM-225	Stormwater Runoff Management Post-Construction Best Management Practice Inspections	1
EHSM-226	Erosion and Sedimentation Concepts	1

EHSM-227	Erosion and Sedimentation Calculations	1
EHSM-228	Stormwater Quality Concepts	1
EHSM-229	Stormwater Quality Calculations	1
Total Units		10

Certificate of Specialization

Students who complete the requirements above qualify for a certificate in that area of emphasis. An official request must be filed with the Admissions and Records Office prior to the deadline as stated in the Academic Calendar.