Assessing Chemical Toxicity and Public Health Risks

**DESCRIPTION**

The online Assessing Chemical Toxicity and Public Health Risks Graduate Certificate is designed to introduce post-baccalaureate students to fundamental concepts in the discipline of chemical toxicity and public health risks as they are applied in related professions. This certificate program will advance the knowledge of current professionals in fields related to occupational health and environmental health, and will prepare students with the intention of pursuing a graduate level degree in these fields. Students will apply concepts in chemistry, toxicology and hazardous materials to issues of occupational and environmental health regulations, hazardous materials safety, chemical related illness, and risk analysis.

**COURSE LOCATION/DELIVERY**

The Certificate is offered fully online

**ADMISSION REQUIREMENTS**

Applicants must hold a bachelor's degree in a science-based field (e.g. life science, natural science, and engineering) from a regionally accredited institution with a minimum 3.0 GPA.

**APPLICATION PROCESS**

To learn about the application process, and to access the application, please review our [**application process**](http://www.usf.edu/innovative-education/programs/graduate-certificates/application-process.aspx).

**PREREQUISITES**

One course in college level chemistry.

**REQUIREMENTS**

13 credit hours

PHC 6353 - Environmental Toxicology & Risk Assessment (3)

PHC 6373 - Bioterrorism & Biodefense (3)

PHC 6934 - Hazardous Materials of the Workplace (3)

PHC 7931 – Case Studies in EOH (3)

PHC 7931 - Advanced Interdisciplinary Seminar Public Health (1)

**ELECTIVES**

None

**TIME LIMIT FOR COMPLETION OF CERTIFICATE**

Per University Policy, all Certificates have a five year time limit; however, the approximate time to complete the Certificate is two years.

**CREDIT TOWARD GRADUATE DEGREE**

Up to 12 hours of certificate course credits may be applied to a graduate degree with departmental approval.

**STANDARDIZED TESTS**

International students must submit a TOEFL score when English is not the native language. A minimum score of 550 on the paper-based test or 79 on the web-based test is required.

**CONTACTS**

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[**Department Website**](http://health.usf.edu/publichealth/eoh/index.htm)